CONSTRUCTION NEWS

Engineering News-Record, Oct. 15, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Power plant, Bastrop, Tex., Texas Power & Light Co. plans super power plant, $8,000,000.

City Hall, Atlanta, Ga., plans new bond election, $2,000,000.

Irrigation project, Oklahoma, several counties plan project, $2,000,000.

Mausoleum, Brooklyn, N. Y., New York Mausoleum Assn. having plans prepared, $2,000,000.

Roads, Washington, Pa., Washington Co. plans bond election, $2,000,000.

Elimination of grade crossing, Columbus, O., City and Norfolk & Western R.R. plan eliminating grade crossings, $1,800,000.

Irrigation work, Texas, Knippa-Uvalde Co. plans work, $1,750,000.

Factory, Buffalo, N. Y., Muffetts Corp. plans factory, $1,000,000.

Bids Wanted On Big Jobs

Club and studio, New York, N. Y., Authors League of America soon takes bids, $5,000,000.

Office and Warehouse, Detroit, Mich., Lane, Davenport & Peterson, archts., taking bids, $3,000,000.

Apartment, Chicago, Ill., Oct. 25, C. F. Henry, $2,000,000.

Hotel and store, Chicago, Ill., Nov. 5, A. G. Halas, $1,000,000.

Hotel, Tulsa, Okla., Shephard & Wiser, archts., taking bids, $1,000,000.

Large Contracts Let During Week

Exchange, Cleveland, O., Ohio Bell Telephone Co. to Lundoff-Bicknell Co., $7,500,000.

Office, Chicago, Ill., Standard Oil Co. to J. Griffiths & Son, $2,000,000.

Theatre and Hotel, Chicago, Ill., Hydestone Building Corp. to J. A. Lindstrum Co., $1,500,000.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Va., Berryville—Voted $55,000 bonds, for 6 m.g. retaining reservoir on Grind Hill. J. S. Goldsmith, mayor.

Fla., Stuart — Election Oct. 27, $200,000 bonds, improving waterworks. J. E. Taylor, mayor.

Ala., Opelika—Election Oct. 23, $225,000 bonds, waterworks.

Ala., Phenix City—Voted $125,000 bonds, waterworks improvements.

Miss., Gulfport—Harrison Co. Bd. Educ., C. J. Darby, supt., received no bids Sept. 8, deep well for Dedeaux Consolidated School, alternate bids on deep well with 18 in. above ground guaranteed flow, also unit process on same 3 in. diam., 40 ft. strainer, 2 joints galvanized pipe above ground, etc. Will readvertise. Noted Sept. 3.

Miss., Hollandale — Plans drilling deep well with 300 g.p.m. guaranteed flow.

Mich., L'Anse — A. G. Ohman, city clk. soon takes bids 100,000 gal. concrete water storage tank. To exceed $15,000. Engineer not selected.

Ill., Staunton — City postponed opening bids Sept. 30, for earth dam, concrete spillway, core wall, bridge, intake, 4,000 sq.yd. brick paving on dam, 8,000 ft. 12 in. c.i. pipe, 2 m.g. filtration plant, steam heating plant, 200,000 gal. capacity concrete reservoir, 100,000 gal. capacity tank on tower, two 700 g.p.m. 100 ft. head, one 500 g.p.m. 50 ft. head, one 500 g.p.m. 125 ft. head and one 1,000 g.p.m. 125 ft. head motor driven pumps, 2 mi. transmission line, 2 mi. telephone line, etc. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs. Noted Sept. 10.

Ia., State Center—Voted $25,000 bonds, waterworks and distribution system. Brown & Cook, Ottumwa, engrs. Noted Aug. 20.

Kan., Eldorado—Election soon to vote on bonds, waterworks and distribution system. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Noted Oct. 1.

Kan., Toronto—Making plans waterworks and sewerage system. $70,000. F. E. Devlin, 614 Bitting Bldg., Wichita, engr.

S. D., Pierre — Soon takes bids waterworks improvements, incl. drilling well, supplies, etc. $100,000 bonds voted. F. J. Starkey, city aud.

Mo., Buffalo — Voted $40,000 bonds, waterworks and distribution system, incl. deep well, pumping equipment, tank on tower, mains, etc. Russell & Axon, McDaniel Bldg., Springfield, engrs. Noted Aug. 6.

Mo., St. Louis—Water Dept. making preliminary plans two 30 m.g. daily capacity pumps, $412,500; two 40 m.g. and one 60 m.g. daily capacity pumps, $237,500; water tube drum-type boilers, etc., $525,000. E. E. Wall, City Hall, dir.

Mo., Tipton—Plans election bonds to exceed $15,000 new water and sewerage systems.

Tex., Frost — Making plans waterworks improvements, incl. mains, pumps, etc. $46,000. H. B. McAllister, Waco, engr. Noted Sept. 3.

Tex., Gainesville—Plans waterworks and sewer improvements. $30,000. Engineer not announced.

Tex., Huntsville — Making plans waterworks, incl. motor and compressor, 150,000 gal. reservoir and 2 mi. 6 in. mains. $40,000. Engineer not selected.

Tex., Kemp—Making plans waterworks and sewerage systems, incl. pumping equipment and disposal plant, etc. $100,000 bond election soon for same. Koch & Fowler, Central Bank Bldg., Dallas, engrs.

Tex., Teague—Election Oct. 27, $45,000 bonds waterworks improvements. Jno. B. Hawley, Cotton Exch. Bldg., Fort Worth, engr. Noted July 2.

Okla., Bethany—Election Oct. 20, $45,000 bonds, new waterworks, incl. well, tank, pump, motor and distribution system. H. E. Musson, Grain Exch. Bldg., Oklahoma City, engrs. Noted Sept. 24.

Okla., Frederick—Election soon to vote on bonds for reservoir and storm sewers in various streets. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs. Noted Sept. 24.

Wash., Seattle—City plans to appropriate $45,000, relining Volunteer Park Reservoir.

B. C., Nelson—Election Oct. 14, $115,000 bonds, new water supply system. Engineer not selected.

BIDS DESIRED

Mass., Boston — Oct. 19, by Dept. Pub. Wks., Boston, laying and relaying mains in various streets in Brighton and West Roxbury; Oct. 20, in Hyde Park. $15,000. J. A. Rourke, comr.

N. Y., Brooklyn—Oct. 23, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., in Dahlgren and Mansfield Places, Battery, Central, Euclid, Narrows, Remsen, Stilwell, Tilden, 4th, 5th, 9th and 16th Aves., Coleman, Henry, 81st, East 2nd, 5th, 27th, 32nd, 33rd. 35th and 59th Sts., here.

N. Y., Long Island City—Oct. 23, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc. in Pell and 37th Aves., 108th and 114th Sts.; Curtis St., 42nd, 44th and 45th Aves., 2nd Ward; 172nd St., Leith Rd., Quince and 32nd Aves., 3rd Ward, here.

N. Y., New York — Oct. 23, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains, etc. in Harlem River and Eden Terraces, Bronx Blvd., Pelham Parkway North, Claremont Parkway, Grinnell and Jessup Places, Drews, Faraday, Findlay, Palisade, Park, Sylvan, Carpenter, Matilda, Richardson, Adee, Beach, Bogart, Boyd, Coddington, Colden, Cruger, De Lavall, Edson, Fenton, Hickory, Hobart, Hollywood, Hone, Kingsland, Laconia, Library, Mace, Matthews, Morgan, Van Nest, Wallace, Waterbury, Wilder, Wilson Baychester, Corclear, De Reimer, Edison, Ellsworth, Forler, Johnson, Kossuth, Laconia, Miles, Neill, Netherland, Randall, Roberts, Rosedale, Trinity and Vincent Aves., Strong, Magenta, East 163rd, 164th, 168th, 237th, 239th, 240th, 226th, 142nd, 145th, 174th, 210th, 222nd, West 235th, 238th, 255th, and 240th Sts.

Pa., Duquesne — Carnegie Steel Co., Carnegie Bldg., Pittsburgh, taking bids 1 and 2 story, 50 x 56 ft. water purification plant, brick incl. reaction tanks, etc., here. W. B. Scaife & Sons Co., Oakmont, engrs.

Miss., Philadelphia—Taking bids 30,120 ft. 6 and 8 in. c.i. watermains and 7,000 ft. 8- to 15-in. vitr. clay sewers, etc., in various streets. M. L. Culley, 1st Natl. Bank Bldg., Jackson, engr.

Tenn., Memphis—Oct. 21, by Bd. Water Comrs., 105 North 2nd St., 1,000 or 2,000 c.i. rims and covers for 15 in inside measurement concrete meter boxes, to have 11 in. lids, with locking device acceptable to Board and to stand directly applied load of 3,000 lbs.

O., Cleveland—Oct. 21, by Comrs. Cuyahoga Co., 3,700 ft. 8 in. c.i. mains in various streets, to exceed $15,000; 16,000 ft. 6 and 10 in. c.i. mains in Hollywood and Ridge Rds., to exceed $15,000. F. Williams, Court House, engr.

Neb., Grand Island—Oct. 20, by H. E. Clifford, city clk., rein.-con. reservoir and valve chamber, one 10 x 200 ft. chimney for power plant, two 2,500 g.p.m. centrifugal pumps and buildings. $150,000. C. L. Pillsbury Co., 2344 Nicollet Ave. S., Minneapolis, Minn., engrs. Noted Aug. 20 under "Buildings—Industrial."

Tex., Calallen — Taking bids filtration plant, incl. 8,200 yds. earth excav., 55 tons reinforcing, 410 ft. 8- to 18-in. tile drain, etc. $35,000. N. Werenskiold, 401 Marvin Bldg., Dallas, engr.

BIDS RECEIVED

New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Oct. 9, alterations, etc., to 72 in. pipe line in Conduit Blvd, etc., in Queens and Nassau Counties, from Riverdale Water Works, 355 East 113th St., New York City, $49,995. Noted Oct. 8.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Oct. 6, mains, etc., in Hampton Ave., here, from Knight & DeMicco, 448 East Tremont Ave., New York City, $32,325. Noted Oct. 1.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Oct. 9, mains, etc., in Borden Ave., here, from S. Gallucci & Sons, Railroad Ave., Corona, $16,100; and in various other streets, from Draganette Constr. Co., 1123 Clinton Ave., New York City, $12,494. Noted Oct. 8.

Waterworks (Continued)

CONTRACTS AWARDED

Conn., Ansonia—Ansonia Water Co., dam on site of present dam, to Immick Co., State St. extension, Meriden. Engrs. est. $25,000.

O., Cincinnati—Dir. Pub. Serv., 38,450 ft. 16- to 24-in. c.i. mains and special castings and valves from Western Hills Pumping Station to Mt. Airy, to W. Hennigan, 7011 Montgomery Rd., Norwood, $88,585. Engrs. est. $110,000. Noted Oct. 8.

O., Cleveland—Cuyahoga Co., 4,600 ft. 6 and 8 in. c.i. mains in Villa Park subdivision, Impvt. 564, to D. M. Zullo, 706 The Arcade, $17,146. Noted Sept. 17.

O., Youngstown—City, 2 pumps, waterworks, to Dravo-Doyle Co., 302 Pennsylvania Ave., Pittsburgh, Pa., $67,250. Engrs. est. $60,000.

Mich., Detroit—Bd. Water Comrs., 6 mi. 6- to 16-in. c.i. mains in various streets, to L. J. Clancy, 3137 Canton Ave., approximately $15,000. Noted Oct. 8.

Ill., La Grange — Park Waterworks improvements, incl. 7,200 ft. 6 in. and 680 ft. 4 in. c.i. mains, 9 gate valves, 17 fire hydrants, etc., to T. H. Iglehart Co., 166 West Bway., Chicago, $25,009. Noted Sept. 17.

Minn., Minneapolis — F. S. Gram, city purch. agt., 2,000 water (American) meters, to Crane Co., 400 3rd Ave. N., at $6.70 each. Noted June 18.

Neb., Superior — Waterworks improvements, Sect. 1, 250,000 gal. steel tank on 100 ft. tower, Sect. 2, brick filter house and Sect. 3, fountain purifier, mixing trough and erecting baffles, to Henningson Eng. Co., Natl. Bldg., Omaha; Sect. 4, 1,200 g.p.m. centrifugal pump, and Sect. 5, two 500 g.p.m. centrifugal pumps each direct connected to 3 phase, 220 v. motors, Sect. 7, one 6 x 6 single cylinder air compressor complete with motor and air tank, Sect. 8, three 8 x 14 ft. pressure filters, Sect. 9, coagulent feeder, Sect. 11, 2 alum tanks and orifice box, Sect. 12, piping valves and fittings, and Sect. 13, installing piping, pumps, chemical feeds, air wash equipment, electric wiring and all piping for clear well, to Interstate Mchy. & Supply Co., 1006 Douglas St., Omaha; Sect. 10, dry lime machine, to Wallace & Fiermon. Sect. 14, labor and material to algae proof filter settling basin, and Sect. 15, filter plant and 1 year supervision, to R. N. Perkins, 2584 Laurel St., Omaha.

Tex., Amherst—Waterworks and 2 wells complete, to Gantt-Baker Co., 1116 West Main St., Oklahoma City, Okla., $45,600. Noted Oct. 1.

B. C., Vancouver — City, 18- to 36-in. valves, with 124- to 200-lb. air pressure, to A. J. Forsythe & Co., 1080 Hamilton St., $19,081.

Sewers

PROPOSED WORK

Mass., Lexington — Voted $28,000 bonds for sewerage work and new mains in various streets. Private plans.

Fla., Stuart — Election Oct. 27, $75,000 bonds, sewers in various streets. J. E. Taylor, mayor.

O., Massillon — Plans storm water sewer in Kendal allotment. $85,000-$100,000. C. E. Rice, Massillon, engr.

Wis., Crandon — Making plans sanitary sewers in various streets. To exceed $25,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, Minn., engrs.

Minn., St. Paul — Made plans sewers in various streets, incl. St. Paul Ave. Sewers 1 and 2. $253,473. G. M. Shepard, city engr.

Kan., Toronto—See "Waterworks."

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans East Rock Creek Joint Sewer, rein.-con., segmental tile and vitr. clay pipe, $290,000; also vitr. clay sewer in Dale Ave. Sewer Dist. 6, $3,300. W. W. Horner, 300 City Hall, engr.

Mo., Tipton—See "Waterworks."

Tex., Houston — Soon takes bids storm sewers, etc. in Canal St. from Milby St. to city limits. $73,000. J. C. McVea, city engr.

Tex., Jacksonville — Plans sewerage system. $35,000. G. L. Fugate, 309 East 5th St., Houston, engr. Noted Aug. 20.

Tex., Wichita Falls—Election Nov. 10, $75,000 bonds extending sewers in various streets. Engineer not selected.

Okla., Frederick—See "Waterworks."

Wash., Ferndale — City Council plans trunk sewer, septic tanks, etc. $32,000.

Ont., Toronto—York Twp. soon takes bids vitr. clay sewers in 1,150 ft. Wallis Ave., 1,150 ft. Guy St., 1,150 ft. Luke St., 1,150 ft. Strathearn Rd., 1,120 ft. Gloucester St., 1,000 ft. Bude St. $34,310; also plans 12 in. vitr. tile sanitary and storm sewers in 2,300 ft. Livingston Ave., $12,200, and 2,300 ft. Silverthorne Ave., $12,930. F. B. Goedike, 40 Jarvis St., Toronto, engr.

BIDS DESIRED

Mass., Hyde Park (Boston P. O.), **Mass.**—Oct. 19, by Dept. Pub. Wks., Boston, sewerage works in Sumner Brook in private land from Neponset River to River St., here, $25,000. J. A. Rourke, comr.

N. Y., Glen Cove—Oct. 23, by City Clerk, City Hall, extending sewers in various streets, Contr. 1; Imhoff tanks, chlorine building, etc., Contr. 2; pumping station, Contr. 3. Fuller & McClintock, 170 Bway., New York City, consult. engrs.; adv. E. N.-R. Oct. 15.

N. J., Jersey City — Oct. 27, by Bd. Comrs., City Hall, constructing extension of Jackson Ave. outlet sewer from its present easterly terminus to exterior line for piers in New York Bay. E. J. Holland, city clk.; adv. E. N.-R. Oct. 15.

Wis., Milwaukee—Oct. 20, by Metropolitan Sewerage Comn., 508 Market St., J. H. Fowles, secy., two 600 gal. ejector pots for booster station, Fairmount Ave.

Tex., San Angelo — Oct. 20, by City Manager, new sewage treatment works. $85,000. Terrell Bartlett Co., Calcasieu Bldg., San Antonio, and Municipal Excavator Co., 200 East Main St., Oklahoma City, Okla., engrs.

Calif., Pomona — Oct. 27th, by Black & Veatch, engrs., 701 Mutual Bldg., Kansas City, Mo., sewage disposal plant, here for City. $125,000. Noted March. 26.

Ont., Hamilton—Nov. 16, by T. W. Jutten, mayor, for 5 vertical sewage pumps suction and discharge piping, etc., for Gage Ave. Sewage Pumping Station; and 2 horizonal standby sewage pumps, gasoline motors, and reduction gears, for same station. $195,000. W. L. McFaul, city engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 7, sanitary trunk sewer, etc., in Amsterl Ave. from Beach 62nd St. to Far Rockaway Blvd., etc., from Necaro Co., 97 Court St., Brooklyn, **(a)** $1,087,224 **(b)** $992,268. Noted Oct. 1.

Md., Baltimore—Bd. Awards, constructing Run Interceptor, Sect. 3, in Sewer Dist. H-13, Contr. 266, from N. Martell, 417 South Eden St., $54,510. Noted Oct. 1.

O., Cincinnati—Director Pub. Serv., Sept. 16, 1,675 ft. 51- to 78-in. brick sewer in Observatory Rd., from Connelly Bros., 2nd Natl. Bank, $52,965. Engrs. est. $59,100. Noted Sept. 10.

Wis., Antigo — Bd. Pub. Wks., G. O. Palmiter, city clk., Oct. 1, 13,801 ft. 10- to 42-in., and 2,427 ft. 10- to 36-in. concrete and vitr. sewers in various streets, from Blunt Bros., Waterloo, Ia., $78,000. Noted Sept. 24.

Tex., Houston—Storm sewers in 6th St. from Usener to Yale Sts., from Houston Constr. Co., 201 Standard Lithograph Co., $28,515. Engrs. est. $30,000.

Calif., Huntington Park — City, 137,750 ft. 8- to 18-in. lateral sewers in various streets, from City Sewer Contractors, 410 Pacific South West Bank Bldg., Long Beach, $137,029.

Calif., Los Angeles — Los Angeles Co., 15,556 ft. 21 and 27 in. concrete trunk sewer in Sanitation Dist. No. 5, from Mlagenovich & Gillespie, 1028 West 36th St., $51,432, engrs. est. $80,000, 3,610 ft. 15 in. rein.-con. sewer in Whittier Blvd. Sanitation Dist. 2, from S. M. Milovich, 411 Whittier Blvd., Montebello, $10,031, engrs. est. $12,000.

CONTRACTS AWARDED

Me., Lewiston — See "Buildings — Industrial."

Conn., Manchester—Bd. Comrs. 8th Dist. Utilities Main and Hilliard Sts., 4 mi. 8- to 15-in. sewers in southwestern section, to N. C. Casciano, 20 Lilly Rd., West Hartford. Engrs. est. $60,000. Noted Sept. 24.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., sewer, etc., in Cornell Ave., etc., to Spad Arrow, Inc., 169th St. and Harlem River, $612,570, in Potter Pl., etc., to A. Gregorio & Co., Inc., 1121 Neil Ave., $114,-650. Noted Oct. 1.

N. Y., New York — See "Streets and Roads."

N. Y., Tonawanda—Sewage disposal plant in Ellicott Creek Rd., to W. L. Rose, 149 Adam St., $400,000.

Pa., Pittsburgh — Sewers in Windgap Ave., to J. B. Reed, 550 Bway. Engrs. est. $30,000.

Mich., Caspian—For sewage disposal plant 33,450 lin.ft. 8- to 15-in. sanitary and 7,700 lin.ft. 10 in. storm sewers in various streets, to Martin Constr., Albert Lee, Minn., $66,000.

Mich., Detroit—Dept. Pub. Wks., brick and concrete sewers in Fenkell Ave., Arm East, Mill Rd. Sewer, also Gratiot Ave. Arm, Seven Mile Rd. Sewer, to W. Blanck & Co., 47 Mile Rd. E., $101,957 and [illegible]-339 respectively; State Fair Arm, West Sect. 1, Connors Creek Sewer, to S. A. Healy, 12198 Wyoming Ave., $162,58[illegible] Van Dyke Ave. Arm, North, Seven Mile Road Sewer, to J. Rossi, 4148 Seneca Ave., $37,-578; force main for Lonyo Road Pumping Station, to R. D. Baker, 1631 Elmhurst Ave., $40,596. Grand total $447,067. Noted Sept. 24.

Mich., Plymouth — Sewer across Rouge River and sewage treatment works, to O. R. Crow Co., Plymouth. Engrs. est. $32,-500. Noted Sept. 3.

Mich., Port Huron—North End Sanitary Sewerage System, incl. 6 mi. 12- to 36-in. vitr. and concrete pipe, pumping station, etc., to O. Johnson Constr. Co., Port Huron, $69,625. Noted Sept. 17.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., North Side Intercepting Sewer, Contr. 7, to Amer. Sewer & Drain Constr. Co., Kenilworth and Central Park Ave., $384,560; and Contr. 8, to Nash & Dowdle Co., 77 West Washington St., Chicago, $354,200. Noted Sept. 24.

Ill., La Grange Park—See "Streets and Roads."

Mo., St. Joseph—Bd. Pub. Wks. 3,300 ft. 4 ft. rein.-con. sewer in Florence Addition, to O. H. Schmidt, Bartlett Trust Bldg., $25,724. Noted Oct. 8.

Mo., St. Louis—For 32,425 ft. 8- to 45 in. sewers in Baden Sewer Dist. 4, to Riley Contg. Co., 110 North 7th St., $131,563. Engrs. est. $160,000. Noted Oct. 8.

Okla., Garber—City Clerk, 8,780 ft. 8- to 10- in. sewers, etc. in Dist. 1, to J. Tilley & Sons, Garber, $10,700. Noted Sept. 17.

Calif., Alhambra—Rein.-con. storm drain in Ramona Blvd., etc., to Callahan Constr. Co., 528 Laughlin Bldg., Los Angeles, $53,-059. Engrs. est. $55,000.

Ont., Toronto—East York Twp., 4,000 ft. 48- to 54-in. concrete trunk sewer in Danforth Park, Secord Dist., to J. H. McKnight Constr. Co., 77 St. Davids Ave., Toronto, $98,951. Engrs. est. $122,000.

B. C., Point Grey — Marine Dr. Trunk Sewer and Magee Area Relief Sewer, to Nickson Constr. Ltd., Georgia Viaduct, Vancouver, $75,878; also lateral sewer, to N. Cosco, 1174 Bway. W., Vancouver, $8,510.

Bridges

PROPOSED WORK

O., Toronto—Syndicate, c/o G. E. Myers, Toronto, plans 1,500 ft. cantilever bridge over Ohio River. $600,000.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., making plans approximately 270 ft. steel girder type bridge with concrete piers, approaches, 36 ft. roadway and two 8 ft. sidewalks, etc., at 6th St. $52,000. H. J. Hansen, 1423 Dean Blvd., engr. Noted Sept. 3.

Kan., Alma—See "Streets and Roads."

Missouri — State Hy. Dept., Jefferson City, plans two 8 ft. rein.-con. slab spans, etc., over Big Creek, two 12 ft. and 20 ft. rein.-con. slab spans, etc., over stream, two 20 ft. rein.-con. slab spans, etc., over Doe Run, three 35 ft. rein.-con. deck girder spans, etc., over Buck Run, and one 80 ft. steel truss span, etc., over Honey Creek, all foregoing in Clark Co.; one 45 ft. deck girder span, etc., over Chicago & Alton R.R. tracks, Howard Co.; three 12 ft. rein.-con. slab spans, etc., over Dry Auglaize Creek, Laclede Co., and three 24 ft. I-beam spans, etc., over drainage ditch, Mississippi Co. B. H. Piepmeier, highway engr.

Mo., St. Louis—Making preliminary plans rein.-con. and steel viaduct to carry Kingshighway N. W. over Terminal R.R. Assn. tracks at Penrose Park. $210,000. Terminal R.R. Assn. appropriates $125,000 toward cost. L. R. Bowen, 301 City Hall, engr.

Tex., Rock Springs — See "Streets and Roads."

Tex., San Antonio — See "Streets and Roads."

Tex., Seymour—See "Streets and Roads."

Wash., Seattle — Comrs. King Co. take bids about Jan. 1, 260 ft. concrete and steel viaduct over ravine on Des Moines Highline Rd. $25,000. D. Evans, 1522 33rd St., bridge engr.

BIDS DESIRED

N. J., Jersey City—Nov. 2 at office State Hy. Dept., Trenton, for steel and concrete viaduct, first section of highway known as Route 1 extension, between Jersey and Palisade Aves., here. A. L. Grover, secy.; adv. E. N.-R. Oct. 15.

Bridges (Continued)

Ohio — Oct. 23, by Dept. Highways & Pub. Wks., Columbus, bridges, etc., on roads in Portage, Sandusky, Washington and Wood Counties. $127,706. G. Schlesinger, dir.

Illinois—Oct. 23, by Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, substructure for one 140 ft. steel span and two 55 ft. concrete girder approach spans, Route 1, Sect. 42-B, and superstructure for one 140 ft. steel span, Route 1, Sect. 42-C, both Saline Co.; one 180 ft. steel span and eight 40 ft. I-beam approach spans, etc. Route 4, Sect. 23-B, Logan Co.; five 66 ft. span deck girder bridge, Route 5, Sect. 15-B, Winnebago Co.; one 30 ft. and one 35 ft. concrete girder bridge, Route 8, Sect. 42-B, one 50 ft. concrete girder bridge and substructure for one 170 ft. steel and eleven 50 ft. concrete girder approach spans, Route 8, Sect. 44-B, superstructure for one 170 ft. steel span, Route 8, Sect. 44-C, all in Knox Co.; two 20 ft. concrete slab bridges and one 60 ft., one 40 ft. and one 50 ft. concrete girder bridge, Route 9, Sect. 8-B, Tazewell Co.; extensions to 2 existing slabs one 18 ft. and one 30 ft., and one 30 ft. concrete girder bridge, Route 9, Sect. 47-B, Vermilion Co.; substructures for one 80 ft. and one 200 ft. steel and one 40 ft. concrete girder bridges, Route 13, Sect. 12-E, steel superstructures for one 80 ft. and one 200 ft. steel span bridge, Route 13, Sect. 12-C, both Jackson Co.; six 40 ft. concrete girder span bridge, Route 14, Sect. 11-B, White Co.; two 40 ft. concrete girder spans, Route 23, Sect. 26-B, De Kalb Co.; one 30 ft. concrete girder bridge Route 39, Sect. 1-B, McLean Co.; three 60 ft. span concrete girder bridge, Route 40, Sect. 8-B, Whiteside Co.; three 35 ft., concrete girder span bridge, Route 41, Sect. 112-B, Cook and Lake Counties. F. T. Sheets, ch. engr.

Kan., Kingman—Nov. 9, by Clerk Kingman Co., twenty-eight 30 ft. concrete deck girder spans, on Federal Aid Project 245-A. C. C. Martin, Kingman, co. engr.

Kan., Paola — Nov. 5, by Clerk Miami Co., 1 span 120 ft. steel bridge on Federal Aid Project 293-C. F. Gardner, Paola, engr. Noted Aug. 27.

South Dakota—See "Streets and Roads."

Tex., Wichita Falls — Oct. 23, by B. D. Sarten, judge Wichita Co., 3,021 ft. steel I-beam and rein.-con. bridge, across Red River, for Wichita Co., Tex., and Cotton Co. (Walters) Okla. $300,000. J. M. Isbell, Wichita Falls, Tex., co. engr. W. C. Burnham, Oklahoma City, bridge engr.

BIDS RECEIVED

New Jersey and Pennsylvania — Joint Bridge Comn. for Elimination of Toll Bridges over Delaware River, Trenton, Sept. 23, reconstructing and repairing masonry of bridge across Delaware River, from Stockton, Hunterdon Co., N. J. to Centre Bridge, Bucks Co., Pa., from J. McCormick, Easton, Pa., $51,000.

N. J., Somerville—Freeholders Somerset Co., Sept. 18, 5 rib concrete arch bridge with 63 ft. clear span, 30 ft. clear roadway, and two 7 ft. sidewalks over Peter's Brook, from Crook Sutton, Neshanic St., Neshanic, $32,000.

South Carolina—See "Streets and Roads."

Tex., Texas City — See "Streets and Roads."

CONTRACTS AWARDED

New Jersey and Pennsylvania — Joint Bridge Comn. for Elimination of Toll Bridges over Delaware River, Trenton, renewals and repairs to bridge over Delaware River, between Phillipsburg, N. J., and Easton, Pa., to C. Poinsett, 37 Maple Ave., Trenton, $43,000.

Pennsylvania—State Hy. Dept., Harrisburg, to Dubois Constr. Co., Dubois, constructing 3 span, 492 ft. through steel truss bridge over Susquehanna River, on Route 10, Great Bend Twp., Susquehanna Co., incl. 2,000 cu.yd. dry excav. at $3 per cu.yd., 570 cu.yd. wet excav. $15, 1,244 cu. yd. Class "B" concrete $18, and 300 cu.yd. Class "A" concrete $24, total $123,530.

Pa., Croydon (Bridgewater P. O.) — Comrs. Bucks Co., Doylestown, 3 span arch, 280 ft. rein.-con. bridge over Neshaminy Creek, between Bristol and Bensalem Twps., here, 229,230 lb. steel, etc., to A. K. Eckert, Doylestown, $95,000. Noted Sept. 10.

Louisiana—See "Streets and Roads."

O., Cincinnati—Hamilton Co., rebuilding concrete superstructure 4 span, 224 ft. bridge, on Kilby Rd., to United Constr. Co., 408 Lyric Bldg., $16,470. Engrs. est. $25,000. Noted Oct. 8.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridge on Route 12, Sect. 17-V, Marion Co., to Zimmerly Bridge Co., Paris, $25,192. Noted Feb. 26.

Ia., Sioux City — Concrete viaduct over Chicago, Milwaukee & St. Paul R.R. tracks and City Service Co., at Riverside Ave., to W. A. Klinger, Warnock Bldg., $26,381. Noted Sept. 3.

Kan., Hiawatha—Brown Co., concrete and steel bridge across Wolf River, on Federal Aid Project 265 and several other bridges, to F. Gundeman & Sons, Netawaka, $20,759; 24-S-7 box 9 x 9 ft., to J. Meredith, Hiawatha, $819; and 13-0-7 6 x 6 ft. rein.-con. box, to C. T. Hardy, Hiawatha, $760. Grand total $22,338. Noted Sept. 17.

Arkansas—State Hy. Dept., Little Rock, 19 ft. steel and timber bridge across Cache River, Craighead Co., to J. W. Cocington, Benton, $5,979; 3 concrete bridges in Madison Co., to Meyer & Greenwald Constr. Co., Monroe, La., for State Hy. Dept., Craighead Co. (Lake City), Madison Co. (Huntsville) and Pulaski Co. (Little Rock). $28,089. Noted Sept. 24.

Tex., Hemphill—See "Streets and Roads."

Tex., San Diego — See "Streets and Roads."

Dams

PROPOSED WORK

Tex., Knippa — Uvalde Co. Irrigation Dist., Uvalde, granted permission by State Bd. Engineers to construct dam across Frio River, 20 mi. above here, irrigating 40,000 acres. $1,750,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted May 15.

Tex., Rule—Brazos Valley Water Impvt. Dist. 1, c/o G. S. Plants, pres., Seymour, and E. W. McGlothlin, secy., Bomerton, plans dam at junction Salt Fork and Double Mountain Fork, Brazos River, near here. $35,000. Engineer not announced.

CONTRACTS AWARDED

Mass., Monroe (mail Readsboro, Vt.)—See "Buildings—Industrial."

Mont., Helena—Northern Pacific R.R. Co., Railroad Bldg., St. Paul, Minn., constructing rein.-con. dam and spillway at mouth McClellan Creek near here, to Donovan Constr. Co., 1101 Builders Exch. Bldg., St. Paul, Minn., about $50,000.

Railways

PROPOSED WORK

Missouri — Terminal R.R. Assn., Union Station, St. Louis, H. J. Pfeifer, ch. engr., soon takes bids twenty-one 1,000 ft. storage tracks for pullman and passenger coaches on both sides Jefferson Ave. south of Atlantic St., incl. switch tracks, spurs, etc. In conjunction with above, City of St. Louis plans extending Jefferson Ave. viaduct, rein.-con., to point 360 ft. northward. $500,000, entire cost to be paid by Terminal R.R. Assn.

British Columbia—Canadian Natl. Railways, 230 St. James St., Montreal, Que., making plans spur line to connect Great Northern line to roadway over 2nd Narrows bridge to North Vancouver. $30,000. C. B. Brown, ch. engr.

CONTRACTS AWARDED

Maine—See "Buildings—Industrial under Lewiston, Me."

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

N. J., Seagirt — Boro plans 2 timber jetties on beach front between Trenton and Phila. Blvd. $18,000. Engineer not selected.

Mich., Detroit—Dept. Public Wks. plans 1 mi. dredging Connors Creek from point 300 ft. south of Jefferson Ave. to Detroit River, etc. $60,000. P. A. Fellows, City Hall, engr.

Ill., Sycamore — De Kalb Co. rejected bids Oct. 1, cleaning out 15,000 cu.yd. creek channel. W. M. Hay, De Kalb, engr. Noted Jan. 1.

Minn., Minneapolis—Hennepin Co., A. P. Erickson, aud., plans draining Richfield Twp. into Lake Nokomis, incl. 104,000 lin.ft. tile, 2 electric and 1 gasoline motor driven pumps, 10,000 g.p.m. total capacity. $60,000.

Oklahoma — Cook Co. (Sapulpa), Okmulgee Co. (Okmulgee), Okfuskee Co. (Okemah), Lincoln Co. (Chandler) and Oklahoma Co. (Oklahoma City), making surveys reclaiming 250,000 acres land, (35,000 acres in Creek Co.), creating several artificial lakes for irrigation purposes, dredging channel, etc. $2,000,000 bond election soon. R. Flood, Sapulpa, engr.

BIDS DESIRED

Louisiana—Nov. 24, by State Hy. Comn., Baton Rouge, hydraulic fill and enlgarging embankment on 9.96 mi. Hammond-New Orleans Highway, Federal Aid Project 156, Sect. A, Jefferson Parish, and 5.35 mi. Sect. B, St. Charles Parish. W. B. Robert, highway engr.; adv. E. N.-R. Oct. 15.

Neb., Omaha—M. B. Griffin, 1107 Trust Natl. Bank Bldg., taking bids excavation for 1 story, 40 x 100 ft. restaurant and 132 x 167 ft. theatre, brick, stone, marble and terra cotta, 20th and Farnam Sts. Archts. total est. $1,000,000. J. Eberson Co., 212 East Superior St., Chicago, Ill., archts.

Okla., Chandler—Oct. 26, by A. Burgess, clk. Lincoln Co., drainage ditch to serve Quapaw Creek D. D. 5, 79,600 cu.yd. earth and 14,325 cu.yd. rock excav. $32,600. C. A. Wood, Stillwater, engr.

Canada—Oct. 21, by S. E. O'Brien, secy. Bd. Pub. Wks., Ottawa, Ont., dredging at Victoria, B. C., $75,000; and repairing jetty at Nicolet, Que., $13,300.

Que., Nicolet—Oct. 20, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldg., Ottawa, Ont., 1,200 ft. crib jetty, here. $30,000. K. M. Cameron, Ottawa, engr.

CONTRACTS AWARDED

La., New Orleans—New Orleans Levee Bd., New Courthouse Bldg., removing 1,000,000 cu.yd. dirt forming levee along 11 mi. stretch on east bank Mississippi River, below Point-a-la-Hatche, to Ogden & Lewis, c/o New Orleans Levee Bd., at $0.117 per cu.yd., total $117,000.

Ill., Crete—Comrs. D. D. 5, Crete Twp., c/o F. E. Gaines, clk., 6.5 mi. open ditch, incl. 49,671 cu.yd. excav., to Engel & Meiser, Monterey, Ind., $8,851. Noted Sept. 3.

Mont., Bynum—Bynum Irrigation Assn., irrigating approximately 25,000 acres, Teton Co., to Winston Bros., 801 Globe Bldg., Minneapolis, Minn., $304,847.

Streets and Roads

PROPOSED WORK

Mass., Waltham (Ind. br. Boston) — Plans widening Prospect St. $25,000. Private plans.

N. J., Margate City (mail Ventnor) — Plans graveling various streets. $25,000. H. N. McConnell, city clk. Engineer not selected.

Pa., Washington—Washington Co., election Nov. 13, $2,000,000 bonds, for road construction. G. S. Chaney, Washington, co. engr.

W. Va., Clarksburg—Harrison Co. plans grading and paving 11.25 mi. Nutter Fort-Barbour Co. line Rd., 16 ft. $260,000. State Road Comn., appropriates $150,000 toward cost. G. L. Coyle, Clarksburg, engr.

Ga., Augusta — Richmond Co., election Nov. 4, $700,000 bonds, hardsurfacing various roads. J. R. Phillips, comr.

Ga., Waycross—Plans paving 110 blocks various streets.

Fla., Stuart—Election Oct. 27, $150,000 bonds, grading, paving and curbing various streets; and $25,000 bonds, grading and paving parks. J. E. Taylor, mayor.

Miss., Yazoo City — City rejected bids grading, curbing and paving 12 blocks various streets. $40,000. Will readvertise. Noted July 16.

La., Baton Rouge—East Baton Rouge Parish election Oct. 20, $75,000 bonds, graveling various roads.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 15 mi. Clarksville-Houston Co. line Rd., Montgomery Co. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, plans improving 5 mi. Eatons Cross Roads to Knox Co. line, London Co. J. G. Creveling, highway comr.

Tenn., Clinton—Anderson Co. plans improving 18 mi. Clinton-Fork Mountain Coal Co. Rd. To exceed $25,000. Noted Aug. 27.

Tenn., Humboldt — Gibson Co. voted $500,000 bonds, improving various roads.

O., Brooklyn Heights (Cleveland P. O.)—Election Nov. 3, $56,500 bonds, paving various streets. W. H. Evers Eng. Co., Engineers Bldg., Cleveland, engrs.

O., Canton — Plans grading, sidewalks, curbing and asphalt paving 1 mi. Myrtle Ave. N. W., 50 ft. $125,000. W. E. Sarver, City Hall, engr.

O., Canton—Stark Co., plans laying sidewalks and asphalt widening 2.5 mi. Canton-North Canton Rd., 48 ft. $150,000. A. M. Wise, Court House, engr.

Streets and Roads (Continued)

O., Garfield Heights (Bedford P. O.) — Election Nov. 3, $180,000 bonds, paving Turney Rd., East 131st St. and Bway. R. Munz, Town Hall, engr.

O., Rocky River (Cleveland P. O.)—Election Nov. 3, $150,000 bonds, paving and widening Detroit and Wooster Rds. E. H. Arnold, Town Hall, engr.

O., Solon—Village plans paving Hall St. and Solon Rd., to exceed $25,000.

Michigan—See "Contracts Awarded."

Mich., Lincoln Park — (mail Detroit) — Wayne Co. Drain Comn., County Bldg., Detroit, made plans LeBlanc Drain, Ecorse and Taylor Twps., incl. Sect. A, 14,197 ft. 2 bbl. rein.-con., each barrel 7½ x 8 ft., 12 in. shell; Sect. B, 4,233 ft. 2 bbl. section, 7½ x 8 ft., 12 in. shell; Sect. C, 2,434 ft. rein.-con., 11 ft. diam. 12- to 17-in. shell; Sect. D, 3,476 ft. 6 ft. diam.; Sect. E, 3,695 ft. 72 in. rein.-con., 8½ in. shell; Sect. F, 1,356 ft. 72 in. and 2,343 ft. 60 in., 7 in. shell, Sect. G, 1,672 ft. 42 in. diam., circular concrete, 7 in. shell; Sect. I, 2,486 ft. 48 in. 2 ring brick; Sect. K, 3,312 ft. 48 in. 2 ring brick; Sect. L, 2,838 ft. 48 in. 2 ring brick or concrete, Sect. M, 1,655 ft. 72 in. circular concrete 12 in. thick. G. A. Dingman, co. drain comr.

Ill., East St. Louis — Takes bids about Nov. 1, grading, curbing and hardsurfacing Illinois St. from Collinsville to 10th Sts., $33,300; 13th St. from Bway. to Illinois St., $33,300; Exchange St. from 9th to 13th, $20,500 and 18th St. from State to Illinois Sts., $15,900. W. McK. Brown, City Hall, engr.

Ia., Des Moines—Soon takes bids grading, curbing and sheet asphalt, Willite asphaltic concrete, Willite asbestophalt, Warrenite asbestos, bitulithic concrete, vibrolithic or D brick surfacing 5,212 sq.yd. Courtland Dr., 7,480 sq.yd. Crocker St. and 1,843 sq.yd. Clinton St. K. C. Kastberg, City Hall, engr.

Ia., Des Moines — Soon takes new bids sheet asphalt, Willite, concrete, asphaltic concrete, Willite asbestophalt, Warrenite asbestos, bitulithic, concrete, Johnson 1 and 2, D brick or vibrolithic concrete surfacing 4,363 sq.yd. 44th St. and 25,397 sq.yd. Southeast 6th St. Noted June 11.

Kan., Alma — Wabaunsee Co. soon takes bids grading 6.087 mi. Southwest Trail, Federal Aid Project 292-B and D, 28 ft., and two 16 ft. span concrete slab bridge at Station 126 plus 75. F. Itz, Court House, engr.

Kan., Newton — Harvey Co. soon takes bids grading and brick or concrete surfacing 7.7 mi. Meridian Highway, 18 ft. A. Hay, Newton, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans grading, asphaltic concrete or rein.-con. paving, etc., Bowen St. between Virginia and Idaho Sts., $10,000-$10,800; grading, vitr. brick, rein.-con., asphaltic concrete, Warrenite or asphalt paving Catalan St. between Bway. and Minnesota Sts., $13,850-$16,100, Eugene Ave. between Upton and Loughborough Sts., $27,100-$34,400; grading, asphaltic concrete, brick or rein.-con. paving, etc., Duke St. between Gravois St. and Christy Ave. $5,880-$7,700, Lowell St. N. from Gimblin Rd., $22,400-$28,200; grading, asphalt, asphaltic concrete, brick, Warrenite or rein.-con. paving, etc., Dunnica St. between Grand and Giles Sts. $10,750-$12,450, and Park Lane between McLaren and Melrose Sts., $22,500-$24,300; grading, vitr. brick, asphalt or Warrenite on concrete repaving Magnolia Ave. between Gravois and Pennsylvania Aves., $27,900-$34,300; grading, asphalt or Warrenite repaving California St. between Park and Caroline Sts., $5,300-$5,800; grading, shallow granite block, Warrenite or asphalt repaving, etc., Newstead St. between Clayton and Duncan Sts., $19,000-$26,200; grading, asphalt or Warrenite repaving, etc., Kingshighway between Devonshire and Gravois Sts. $179,000-$181,000, Grand Blvd., between Gravois and Miami Sts., $75,000-$76,300; grading, asphalt, Warrenite or asphaltic concrete repaving, etc., Connecticut St. between Grand St. and Russell Pl., $35,000-$39,400, and Wyoming St. between Grand and Oak Hill Aves., $46,500-$54,500. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans grading, curbing and rein.-con. or brick paving cutter St. between Plateau and Dale Sts., $14,070-$16,560; grading, curbing and asphaltic or rein.-con. paving Farlin St. between Cora and Shreve Sts. $7,890-$8,610, Cora St. between Margaretta and Farlin Sts., $6,780-$7,200; grading, curbing and Warrenite, asphaltic concrete, rein.-con., asphalt or amiesite paving Clifton St. between Southwest and Arsenal Sts. $24,400-$27,100, Shreve St. between Margaretta and Lee Sts., $16,900-$18,400; grading, curbing and asphaltic concrete, Warrenite, asphalt, brick, rein.-con. or amiesite paving Pennsylvania St. between Haven St. and Kingshighway Park $67,700-$83,600, Osceola St. between Morganford and Ridgewood Sts. $21,800-$27,700, Thrush St. between Lilian and Prange Sts., $15,100-$17,610; also grading, curbing and Warrenite, asphalt or amiesite repaving Lindell St. between St. and Kingshighway $202,000-$204,400, Cook St. between Grand and Vandeventer Sts. $54,300-$55,200, Cook St. between Thomas and Grand Sts. $12,420-$13,000, and Lee St. between Taylor and Euclid Sts., $60,000-$60,300. W. W. Horner, 300 City Hall, engr.

Tex., Caldwell — Burleson Co. defeated $600,000 bonds hardsurfacing 26 mi. highway, in Road Dist. 1. G. W. Grant, Caldwell, co. judge.

Tex., Dublin—Election soon $40,000 bonds paving various streets. E. C. FeWell, mayor. Engineer not announced.

Tex., Houston—J. C. McVea, city engr., soon takes bids permanent paving Canal St. from Milby St. to Houston Belt & Terminal Ry. tracks, for City. $57,000.

Tex., Olney — Young Co. voted $400,000 bonds, hardsurfacing 30 mi. state highways in Precinct 1; grading and bridging lateral roads. W. F. Parsley, co. judge.

Tex., Port Bolivar—Galveston Co. election soon $200,000 bonds, hard paving on 11 mi. Highway, 18 ft., and building ferry landing, etc. C. C. Washington, Port Boliver, and 3615 P½ St., Galveston, co. engr.

Tex., Rock Springs—Edwards Co. takes bids after Oct. 19, grading, bridging and macadam surfacing 3.4 mi. highway 41, from Rock Springs to Junction with Brackettsville Rd., 18 ft. $31,000. W. E. Simpson & Co., 414 Natl. Bank Commerce Bldg., San Antonio, engr.

Tex., San Antonio — Bexar Co. making plans, grading, graveling and bridging 8.8 mi. State Highway 3, Medio Creek to Medina Co. line, 18 ft. $149,000. A. C. Pancoast, San Antonio, engr.

Tex., Seymour—Baylor Co. making plans grading, constructing 3 bridges over 20 ft. span, etc., on 13.45 mi. State Highway 23, Seymour to Throckmorton Co. line, 26 ft. $179,700. J. G. Rollins, Seymour, engr.

Tex., Teague — Election Oct. 27, $30,000 bonds, paving various streets. Engineer not announced.

Okla., Lindsay — Defeated $37,000 bonds surfacing Creek, Cherokee and Chickasha Sts., Dist. 2. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 17.

BIDS DESIRED

Mass., Boston—Oct. 20, by Pub. Wks. Dept., granite block paving Cornhill St., Pemberton and Scollay Sqs. $25,000. J. A. Rourke, comr.

Mass., Boston—Oct. 21, by Dept. Pub. Wks., recut granite block paving Harrison Ave. and Lincoln St. $25,000. J. A. Rourke, comr.

N. Y., Brooklyn — Oct. 21, by J. A. Guider, boro pres., Boro Hall, curbing and flagging, etc., Alabama Ave. and East 29th St., reconstructing curb corners on Atlantic and Bedford Aves., Ocean and Woodruff Aves., Atlantic and 4th Aves., Flatbush and 4th Aves. and Pacific St. and 4th Ave., asphalt paving, etc., East 29th, Halsey, South Oxford and Union Sts.

N. Y., Long Island City—Oct. 23, by M. E. Connolly, pres., Queens Boro, Queens Subway Bldg., sheet asphalt paving, etc., 97th St., grading, etc., Armory Center, in Plaza at intersection of Beach Channel Dr., Beach 95th and Beach 35th Sts., Rockaway Beach Blvd., Rex Rd., Fern and Wren Places, Polhemas and 107th Aves.

N. Y., New York—Oct. 22, by Park Bd., Park Dept., Arsenal Bldg., 64th St. and 5th Ave., cement paving, etc., park sidewalk of Riverside Dr.

N. Y., St. George—Oct. 22, by Park Bd., Park Dept., Arsenal Bldg., 64th St. and 5th Ave., New York City, grading, etc. park plaza around Band Stand at Westerleigh Park; also bituminous macadam paving, etc. existing drive through Silver Lake Park.

Maryland — Oct. 20, by State Roads Comn., Baltimore, concrete paving 3.5 mi. highway from Cresaptown toward McCool, Contr. A-40, Allegany Co. J. N. Mackall, chn.; adv. E. N.-R. Oct. 15.

Md., Baltimore—Oct. 21, by Bd. Awards, improving grounds around School 8, Aisquith and Orleans Sts., 1,500 cu.yd. excav., 2,200 sq.yd. surfacing, 650 yd. concrete sidewalks, etc. H. G. Perring, Heart Tower, superv. engr.

N. C., Canton — Oct. 20, by Mayor and Bd. Aldermen, grading, curbing, guttering and concrete or asphaltic paving, etc., 48,000 sq.yd. various streets. G. C. White & Co., Durham, engrs.

South Carolina — Oct. 20, by State Hy. Dept., Columbia, grading, topsoiling, etc. 14,387 cu.yd. State Route 5, Federal Aid Project 274, Chester Co., State Highway Engineer, Columbia, engr., and 23,029 cu.yd. State Route 71, State Project S-594, Abbeville Co., E. B. Sloan, Court House, Greenville, engr.; grading and sand clay surfacing, etc. 17,849 cu.yd. Sect. A, and 27,433 cu.yd. Sect. B State Routes 2 and 22, State Project S-549, Calhoun Co., A. T. Brown, Scovill Bldg., Orangeburg, engr.

Miss., Philadelphia — Taking bids improving various streets, 10,000 cu.yd. excav., 9,000 ft. curb and gutter, 24,000 sq.yd. various types paving in streets and 105,000 sq.ft. in sidewalks. M. L. Culley, 1st Natl. Bank Bldg., Jackson, engr.

Louisiana—Nov. 3, by State Hy. Comn., Baton Rouge, grading and graveling 6.6 mi. Jena-Jonesville Highway, Federal Aid Project 153-A, and 2.31 mi. Jena-Rinehart Highway, State Project 153-D, both in La-Salle Parish; also 5.83 mi. Loreauville-Dautrives Landing Highway, State Project 486, Iberia Parish. W. B. Robert, highway engr.

Tennessee—Oct. 23, by State Dept. Hys. & Pub. Wks., Nashville, grading 901 ft. approaches to Louisville & Nashville R.R. underpass at Hygea, on Ridgeport-Springfield Rd., State Highway 11, State Project 119-E, Robertson Co., 14,442 cu.yd. excav., etc.; and grading and rock asphalt surfacing 3,532 sq.yd. approaches to Academy Ave. viaduct over Louisville & Nashville R.R., and paving Tennessee Central R.R. underpass near Clarksville, State Highway 13 Federal Project 91-C, Montgomery Co. J. G. Creveling, highway comr.

Ohio — Oct. 23, by Dept. Highways & Pub. Wks., Columbus, grading, bridging and paving 38.447 mi. roads in Adams, Allen, Brown, Clermont, Erie, Geauga, Greene, Highland, Putnam, Seneca, Wayne and Williams Counties; drainage structures, etc., on 14.848 mi. roads in Harrison, Morgan, Muskingum and Noble Counties; and widening 3.071 mi. road in Trumbull Co. G. Schlesinger, dir.

O., Cincinnati—Oct. 22, by Director Pub. Serv., sidewalks, curbing and granite block repaving, etc. 13,900 sq.yd. 3rd St. $115,481. F. Krug, City Hall, engr.

O., East Cleveland (Cleveland P. O.)—Oct. 17, by City, widening and paving 7 ft. strip south side Euclid Ave., from easterly to westerly lines of city limits. To exceed $50,000. M. Garnett, City Hall, engr.

Michigan—Oct. 20, by State Hy. Dept., at office Comrs. Kent Co., Grand Rapids, graveling 3.482 mi. Kent Co. Rd. from Lincoln Lake to county line, 16 ft. G. C. Dillman, Lansing, highway engr.

Michigan—Oct. 23, by State Hy. Dept., at office Comrs. Montcalm Co., Stanton, graveling 1.004 mi. Trunk Line Rd. 46-29, and concrete paving 1.219 mi. Trunk Line Rd. 46-10. G. C. Dillman, Lansing, highway engr.

Illinois—Oct. 23, by Dept. Pub. Wks. & Buildings, Div. Highways, Nashville, gravel, Portland cement, vitr. brick, or bituminous concrete with or without binder course surfacing 0.99 mi. Route 1, Sect. 29-X, Saline Co., 1.82 mi. Route 1, Sect. 49, Edgar Co., 10.73 mi. Route 2, Sect. 77, Winnebago Co., 2.02 mi. Route 5, Sect. 30 and 3.44 mi. Route 5, Sect. 31-X, both Jo Daviess Co., 6.53 mi. Route 14, Sect. 10, White and Hamilton Counties, 1.78 mi. Route 16, Sect. 25, Macoupin Co., 0.1 mi. Route 23, Sect. 26-D, De Kalb Co. 4.09 mi. Route 27, Sect. 16, Carroll Co., 2.72 mi. Route 30, Sect. 10, Stark Co., 0.4 mi. Route 32, Sect. 2-X, Moultrie Co., 5.28 mi. Route 33, Sect. 4, Crawford Co., 0.57 mi. Route 42, Sect. 112-X, Cook and Lake Counties, 0.05 mi. Route 42, Sect. 113-X, Lake Co., all above roads 16, 18 and 28 ft.; grading 0.4 mi. Route 2, Sect. 3-V-1, Jackson Co., 5.65 mi. Route 9, Sect. 8-A, Tazewell Co., 5.84 mi. Route 14, Sect. 11-A, White Co., 2.86 mi. Route 14, Sect. 12-A, White Co. and 0.93 mi. Route 40, Sect. 8-A, Whiteside Co. F. T. Sheets, ch. engr.

Ill., Riverdale (Sta. Chicago)—Oct. 22, by A. Strosinska, pres. Bd. Local Impvts., Village Hall, grading, curbing and 7 in. rein.-con. surfacing 26,000 sq.yd. Edbrooke, Michigan and Wabash Aves., 139th, State and Dearborn Sts. K. S. Putnam, village engr.; adv. E. N.-R. Oct. 15.

Kan., Kansas City — Nov. 6, by Clerk Wyandotte Co., concrete surfacing 1.72 mi. Federal Aid Project 309-B, 18 ft. O. K. Williams, Kansas City, co. engr.

Kan., Kansas City — Nov. 6 (extended date), by Clerk Wyandotte Co., grading, bridging and concrete or rock asphalt or concrete surfacing 1 mi. Federal Aid Project 52-E, 18 ft. O. K. Williams, Kansas City, co. engr. Noted Oct. 8.

Streets and Roads (Continued)

Kan., Paola—Nov. 5, by Clerk Miami Co., grading, etc., 9.623 mi. Federal Aid Project 293-C, 28 ft. F. Gardner, Paola, engr. Noted Aug. 27.

North Dakota — Oct. 15, by State Hy. Comn. and Comrs. Sargent Co., Court House, Forman, **(F. A. P. means Federal Aid Project)** graveling, etc. 9.912 mi. road from Milnor east to county line, F.A.P. 147; graveling, clearing and grubbing, etc. 0.764 mi. road through Cogswell, F.A.P. 15 D; grading and graveling, etc. 2.137 mi. road through Forman, F.A.P. 229.

South Dakota — Oct. 27, by State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, grading, etc., 16 mi. F. A. P. 193-A, Brookings Co., 13.3 mi. F. A. P. 202-A, Lincoln and Turner Counties, 17 mi. F. A. P. 204-A, Hutchinson and Turner Counties, 12 mi. S. A. P. 101, Potter Co.; graveling 4.58 mi. F. A. P. 138-B, Lawrence and Meade Counties, 18 mi. S. A. P. 122, Yankton, Turner and Clay Counties; one 72 ft., one 30 ft., and one 90 ft. concrete viaducts on F. A. P. 193-A, Brookings Co., one 34 ft. concrete viaduct and one 190 ft. steel truss span on F. A. P. 202-A, Lincoln and Turner Counties, one 84 ft. and one 24 ft. concrete viaducts on F. A. P. 204-A, Hutchinson and Turner Counties, one 96 ft. timber structure overhead crossing over Central and North Western R.R. tracks at Blunt, F. A. P. 141, Hughes Co.; also 26,936 ft. wire cable guard rail in Custer, Lake, Marshall, Brown, Pennington, Hutchinson, Yankton, Jackson, Clark and Aurora Counties. T. Soleglad, acting highway engr.

Colorado—Oct. 22, by State Hy. Dept., Denver, grading, etc., extension west from Ft. Morgan, Federal Aid 287-A, Morgan and Weld Counties, 23,300 cu.yd. common and 146,000 cu.yd. borrow excav. L. D. Blauvelt, State Office Bldg., Denver, engr.

California—Oct. 26, by State Hy. Comn., Sacramento, concrete paving 6.3 mi. and bituminous macadam paving 0.4 mi. road between Latigo Creek and Las Flores Canyon, Los Angeles Co. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., San Diego—Oct. 26, A. H. Wright, city clk., grading, sidewalks, and 1½ in. asphaltic concrete on 4 in. concrete paving 144,325 sq.ft. Lewis St. F. A. Rhodes, city engr.

BIDS RECEIVED

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Oct. 8, granite block repaving Richmond Terrace, from Vandbro Constr. Co., 24 Elizabeth St., West New Brighton, $37,503. Noted Oct. 1.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Oct. 6, bituminous concrete repaving Edgewater St., from J. P. Donovan, 30 Church St., New York City, $14,108; grading and bituminous macadam concrete paving Hoyt Ave., from J. Johnson Sons, 455 Bway., West New Brighton, $7,645. Noted Oct. 1.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Oct. 7, bituminous macadam paving within franchise area of Staten Island Midland R.R., roadway of Lincoln Ave., and bituminous concrete paving Yetman Ave., from J. E. Donovan, 614 Union St., Brooklyn, $3,828 and $22,-433 respectively. Noted Oct. 1.

N. J., Trenton—Freeholders Mercer Co., Oct. 6, grading, guttering and sheet asphalt paving 14,700 sq.yd. Sanhican Dr., from Union Paving Co., 30th and Locust Sts., Phila., Pa., $71,916. Noted Sept. 17.

N. J., Trenton—City Comn., Oct. 5, penetration macadam paving Cadwalader Dr., Boulevard and Buckingham Ave., from Agabiti Bros., 638 Roebling Ave., $47,772. Noted Sept. 24.

Delaware—State Hy. Dept., Dover, Oct. 7, from F. W. Lovett, Newark, grading and concrete paving 400 cu.yd. Lum's Pond, Contr. CN19B, $10,870; from W. T. Staats, York, Pa., grading 0.41 mi. Summit Bridge Approach, Contr. CN19C, $5,202; from George & Lynch, Dover, grading and paving, etc., 3.05 mi. Vines Creek-St. Georges Church, Contr. CS38, stone concrete $80,-648, slag concrete $78,668, 2.12 mi. Canon-Atlanta, Contr. CS46, stone concrete, metal joint $60,906, non-metal joint $60,-234, slag concrete, metal joint $59,751, non-metal joint $59,079. Noted Sept. 24.

Maryland — State Roads Comn., Baltimore, concrete paving 0.34 mi. road from Bedford Rd. to Pennsylvania state line, Contr. A-39, Allegany Co., from M. Bennett Sons, Indiana, Pa., $15,941. Noted Oct. 1.

Maryland — State Roads Comn., Baltimore, penetration macadam paving 0.66 mi. state highway along Frederick St., Hagerstown, from city limits to Baltimore & Ohio R.R. crossing, Contr. W-42, Washington Co., from Bester, Long Co., Hagerstown, $19,-507; concrete paving 0.33 mi. Silver Springs undergrade approaches, Contr. M-49-D, from Strawn & Christensen, Landover, $13,-094; six 5 ft. diam. metal pipes in concrete on road from Sligo to Burnt Mills over Sligo Branch, from St. Marys Constr. Co., Mechanicsville, $5,825. Noted Sept. 24.

Md., Baltimore — Bd. Awards, Oct. 7, grading, curbing, granite block and concrete paving 13,140 sq.yd. streets in Contr. 304-OCOANA, from G. Long Contg. Co., 1st Ave. and 12th St., $39,880; grading, curbing and sheet asphalt paving 12,100 sq.yd. streets in Contr. 303-OCOA, from Amer. Paving & Contg. Co., Montebello Ave., $63,-411 . Noted Oct. 1.

Md., Baltimore—Bd. Awards, sheet asphalt paving 16,800 sq.yd. streets listed in Contr. 302-OCOANA, from P. Flanigan & Sons, Harford Rd. & Baltimore & Ohio R.R. tracks, $78,922. Noted Sept. 24.

South Carolina—State Hy. Comn., Columbia, topsoiling 5.9 mi. State Route 19, State Project S-605, Newberry Co., from Langford & Wicker, Newberry $33,305, 280 ft. rein.-con. bridge on same road and five 15 ft. span timber bridge on State Route 1, State Project S-543, Orangeburg Co., from Fulmer & Phillips, Leesville, $18,245 and $3,050 respectively; topsoiling 10 mi. State Route 391, State Project S-592, Saluda Co., from W. R. Carson, Lynchburg, $50,-196; sand clay surfacing 4.3 mi. State Route 23, State Project S-567-B, Dillon Co., from J. L. Carroll, Columbia, $21,589, approaches to King St. Viaduct, State Route 2, Federal Aid Project 178-A, Charleston Co., from Simons-Mayrant Co., Peoples Bldg., Charleston, $18,747. Noted Sept. 17.

O., Cincinnati — Director Pub. Serv., Sept. 22, asphalt repaving, etc., 2,500 ft. Madison Rd., 40 ft., from Scully-Brehm Co., 1011 Atlas Bank, $76,360. Engrs. est. $88,410. Noted Sept. 17.

O., New Philadelphia — Tuscarawas Co., concrete resurfacing Sect. "A" Dennison-National Rd., from Evansbaugh Constr. Co., Pomeroy, $151,889. Engrs. est. $150,000. Noted Oct. 30, 1924.

Minnesota — State Hy. Dept., St. Paul, Sept. 29, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, from E. W. Coons Co., 2007 4th Ave., Hibbing, grading and concrete paving 139,000 sq.yd. S. P. 1-44, Sect. 1, Divs. C, D and E, F. A. P. 1 $228,949, from Russell Bros., Superior, Wis., 71,000 sq.yd. S. P. 1-44, Sect. 6, F. A. P. 372 $83,056, from Nolan Bros., 260 Temple Court Bldg., Minneapolis, 48,-000 sq.yd. S. P. 3-26, F. A. P. 375 $78,632, 14,500 sq.yd. S. P. 3-50, F. A. P. 375, $19,-893; from Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., St. Paul, grading and concrete paving 38,100 sq.yd. S. P. 3-33, F. A. P. 375 $55,212, 9,500 sq.yd. S. P. 3-33, F. A. P. 375 $11,757, 87,000 sq.yd. S. P. 3-39, Sect. 2, F. A. P. 8, $136,045; from Lobnitz Constr. Co., Olivia, grading 134,-000 cu.yd. S. P. 3-42, Div. B, F. A. P. 347 $31,721, from S. G. Enebak, Warren, 206,-000 cu.yd. S. P. 6-45, Sects. 1 and 2, F. A. P. 378 $37,950, from Starr & Slatterly, Virginia, 100,000 cu.yd. S. P. 8-33, F. A. P. 276, $42,657; from C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul, graveling 22,300 cu.yd. S. P. 9-39, F. A. P. 352, $26,780; and from T. Pahlen, Red Lake Falls, grading 80,000 cu.yd. and constructing Bridge 3720 on S. P. 8-28, F. A. P. 261, $37,596. Noted Sept. 17.

Tex., Texas City—Galveston Co., curbing, guttering and paving 36,000 sq.yd. various streets, from Thomas & Stegall, Rogers, 7 in. concrete $135,901, 2 in. asphaltic concrete $153,901; from W. A. Kelso, 2220 C St., Galveston, 2 in. Uvalde or rock asphalt $201,774, 2½ in. vertical fibre brick $197,058. Noted Oct. 8.

Arkansas—State Hy. Dept., Little Rock, gravel surfacing 8.55 mi. Camden-Stephens Co. line Rd., Ouchita Co., from R. J. Lynch, 318 Ridgeway St., Little Rock, $41,222.

Wash., Seattle—Comrs. King Co., grading and 7 in. concrete paving 18,824 sq.yd. Benson Rd., from Fiorito Bros., 3950 6th St. N. W., $49,600. Engrs. est. $45,000.

CONTRACTS AWARDED

Mass., East Boston (Boston P. O.)—Transit Dept., 1 Beacon St., Boston, asphalt paving Maverick Sq. and Chelsea St., here, to J. McCourt Co., 910 Huntington Ave., Boston, $35,347. Noted Oct. 8.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, asphalt repaving, etc., Atlantic Ave., to Sicilian Asphalt Paving Co., 41 Park Row, New York City, $15,442; curbing and permanent asphalt paving Kings Highway, to R. Turecamo Contg. Co., 8706 Bay 12th St. $25,574, and Neptune Ave., to Cranford Co., 52 9th St. $5,113. Grand total $46,129. Noted Oct. 8.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., grading and curbing, etc., Cambridge Ave., to M. Del Balso, 660 East 221st St. $8,699, in East 172nd St., to S. Nugent, 285 West 150th St. $13,168, sewers and appurtenances, etc., in Waterbury Ave., to F. Pestone, 2410 Bathgate Ave., $5,054, and in Selwen Ave., to C. W. McDonald, 1910 Webster Ave., $11,041. Grand total $37,962. Noted Oct. 8.

New Jersey—State Hy. Comn., Trenton, concrete paving Manasquan River Bridge, to Decker & Canning, Lyons Ave., Newark, $43,999; Route 4 between South Amboy and Cliffwood, to M. Staub, Pitman, $250,-683. Noted Sept. 24.

N. J., Chatham — Morris Co. (Morristown), paving 1 mi. Fairmount Rd., here, to J. A. R. Constr. Co., Maplewood, $50,816.

N. J., Madison—Morris Co. (Morristown), constructing 1.5 mi. Madison-Green Village Rd., here, to Gray Constr. Co., Franklin St., Morristown, $70,911.

Pennsylvania—State Hy. Dept., Harrisburg, **(A. means Application and R. means Route)**, reinf.-con. paving 11,558 sq.yd. R. 15, A. 3572, Bradford Co., to Lane Constr. Corp., 35 Colony St., Meriden, Conn., $62,-908, 9,597 sq.yd. A. 3412, Adams Co., to W. Grant Raub Co., Red Lion, $40,044, 17,-233 sq.yd. A. 3663, Butler Co., to Winter & Yaple, Erie, $77,057; asphaltic macadam paving 17,915 sq.yd. A. 2826, Huntingdon Co., to Colgan & Kelley, Lewistown, $59,-834; and asphalt on asphaltic concrete paving 24,911 sq.yd. R. 290, Schuylkill Co., to Union Paving Co., 30th and Locust Sts., Phila., $108,689. Grand total $348,532. Noted Oct. 1.

Md., Baltimore—Bd. Awards, sheet asphalt paving 16,800 sq.yd. streets listed in Contr. 302-OCOANA, to P. Flanigan & Sons, Harford Rd. and Baltimore & Ohio R.R. tracks, $78,992. Noted Oct. 15.

W. Va., Philippi — Barbour Co., grading Philippi-Buckhannon Rd., Project 3341, to Wetzel Constr. Co., New Martinsville, $30,-646.

Louisiana — State Hy. Comn., Baton Rouge, grading and graveling 5.38 mi. St. Francisville-Clinton Highway, East Feliciana Parish, to F. O. Hamilton, St. Francisville, $33,416, and 6.41 mi. Sun-Bogalusa-Mississippi Highway, Washington Parish, to S. B. Boyd, Columbia, Miss., $30,877; concrete bridge over Pushpattappa Creek, Washington Parish, to Vincennes Bridge Co., Vincennes, Ind., $16,575. Grand total $80,868. Noted Sept. 17.

La., Alexandria—Rapides Parish, graveling Rigolette and outer portion Donahue Ferry Rds., to Herndon & Terrill, Alexandria, $30,000. Parish voted $195,000 bonds improving roads in Consolidated Rd. Dist. A. Noted Sept. 3.

O., Columbus—Franklin Co., grading and sheet asphalt paving, etc. 1,703 ft. Dale Ave., and 2,904 ft. Kellner Rd., both 26 ft., to B. F. Patterson, 1214 Neil Ave., $29,024 and $44,264 respectively. Noted Sept. 10.

Michigan — State Hy. Dept. at office Comrs. Washtenaw Co., Ann Arbor, will pave with concrete 1.327 mi. Federal Aid Rd. 82 C, with own forces. $40,000.

Michigan — State Hy. Comn., at office Comrs. Benzie Co., Benzonia, concrete paving 0.996 mi. Federal Aid Rd. 129-E-1, and 1.275 mi. Federal Aid Rd. 129 E-2, to Rogers Constr. Co., Manistee, $27,520 and $38,000 respectively.

Michigan — State Hy. Dept. at office Comrs. Wayne Co., Detroit, widening existing grade 10.665 mi. Federal Aid Project 62, and 7.631 mi. Federal Aid Project 82, Sect. A, to Wayne Co. Road Comn., Detroit, $29,063 and $22,890 respectively.

Michigan — State Hy. Dept., Lansing, widening existing grade 13.953 mi. Federal Aid 95, Sect. D, Lenawee and Washtenaw Counties, to State Constr. Division, Lansing, $48,174.

Mich., Springwells — City, **(S. A. D. means Special Assessment Dist.)**, to M. Cassese, 3418 McDougall St., Detroit, and M. Cractori, Detroit, grading, curbing, and concrete paving, etc., 2,944 sq.yd. S. A. D. 98, $10,293, 2,277 sq.yd. S. A. D. 99, $8,308, paving 1,865 sq.yd. municipal site $5,304, 115 sq.yd. S. A. D. 31, $626, also 110 ft. 12 in. and 304 ft. 15 in. sewer in S. A. D. 100, $990, and 172 ft. 24 in and 114 ft 21 in. sewer in S. A. D. 43 $1,054. Grand total $26,575. Noted Sept. 17.

Illinois — Dept. Pub. Wks., & Buildings, Div. Highways, Springfield, surfacing Route 4, Sect. 430, Dupage and Cook Counties, to R. F. Conway Co., 844 Rush St., Chicago, $292,382; Route 31, Sect. 16-A, Fulton Co., to Keokuk Quarry & Constr. Co., Keokuk, Ia., $19,100; and Route 9, Sect. 7-W, Tazewell Co., to Jensen & Schaefer, 212 North Cap St., Pekin, $11,746. Grand total $323,-228. Noted Feb. 26 and Aug. 6.

Streets and Roads (Continued)

Ill., Carlyle—Grading, curbing and concrete paving 12,000 sq.yd. various streets, to J. W. Jones, Benton, $36,613. Engrs. est. $44,782. Noted Aug. 20.

Ill., La Grange Park—Concrete sidewalks on Edgewood Ave., etc., to Green-Mullenbruck Constr. Co., 105 West Monroe St., Chicago, $22,971; and 4,430 ft. 12 in. vitr. clay pipe sewers in Dover Ave., etc., to T. H. Iglehart Co., 166 West Bway., Chicago, $17,807. Noted Sept. 17.

Ill., Springfield—Curbing, guttering, and brick on 6 in. concrete surfacing 5,300 sq.yd. 4th St., to J. O. Patterson & Co., 833 South Glenwood St., $23,224; and 2,050 sq.yd. Illinois St., to B. F. Nelch, 921 East Jackson St., $10,069.

Ill., South Jacksonville — Grading, shaping, curbing, rolling and concrete surfacing 10,437 sq.yd. South Main St., to Devine Constr. Co., Papineau, $31,649.

Ill., Rockford—Bd. Local Impvts., grading, curbing, sewering and concrete paving 18,321 sq.yd. 15th St. and 12th Ave., to Milburn Bros. Co., 18th and Charles Sts., $2.40 per sq.yd., total approximately $75,000. Engrs. est. $82,100. Noted Sept. 24.

Tex., Hemphill — Rusk Co., grading, bridging and gravel surfacing 8 mi. Henderson-Carthage Rd. and Mt. Enterprise-Timpson Rd., 16 ft., to L. M. Leath, Hemphill, approximately $50,000. Engrs. est. $60,000.

Tex., San Diego — Duval Co., to W. L. Pearson & Co., 1st Natl. Bank Bldg., Houston, grading, bridging and 1 in. bituminous on limestone surfacing 15.76 mi. State Highway 12, Federal Aid Project 424-E, incl. 151,887 lbs. reinforcing, etc., $359,648, engrs. est. $367,000, 3.98 mi. State Highway 12, Federal Aid Project 436-F, incl. 10,124 lbs. reinforcing, etc., $79,396, engrs. est. $83,500, clearing, grading and 1 in. rock asphalt on limestone surfacing 13.33 mi. State Highway 12-A, Federal Aid Project 424-F, incl. 116,322 lbs. reinforcing, etc., $291,565, engrs. est. $303,900. Grand total $730,609. Noted Sept. 3.

Buildings—Industrial

PROPOSED WORK

Mass., Boston — SUB-STATION—Edison Electric Illuminating Co., 39 Boylston St., plans brick substation, Bulfinch St. Bigelow & Wadsworth, 3 Hamilton Pl., archts. $50,000 or more.

Mass., Milford—PLANT—Milford Electric Light & Power Co., 241 Main St., having plans prepared by E. L. Rawson, 6 Beacon St., Boston, 2 story, rein.-con. and brick addition. $40,000.

Conn., Waterbury — CAR BARN — Connecticut Co., West Main St., having revised plans prepared by R. W. Foote, 185 Church St., New Haven, 1 story, rein.-con., brick and steel, West Main St. $450,000. Former bids rejected. Noted Aug. 27.

N. Y., Albany—BAKERY—Kolb Baking Co., Allentown, Pa., had plans prepared by J. Smith, c/o owner, 420 x 650 ft. bakery, here. $500,000.

N. Y., Buffalo — WAREHOUSE and SERVICE SHOP—General Electric Co., Genesee and Washington Sts., plans rein.-con., French St. To exceed $100,000.

N. Y., Buffalo—FACTORY—Honde Eng. Corp., 237 Winchester Ave., plans rein.-con. and brick, Winchester Ave. $50,000.

N. Y., Buffalo — FACTORY — Muffetts Corp., Batavia, plans factory, here. $1,000,000. W. A. Morgan, pres.

N. J., Montclair — STOREHOUSE and REPAIR HOUSE—Bd. Town Comrs., plan 1 story, 65 x 146 ft., brick building for purpose of central storehouse and repair shop, in Dept. Pub. Wks., 219 North Fullerton Ave. $40,000 appropriated. H. Trippett, town clk.

Miss., Meridian — PLANT — Amer. Creosote Wks., S. C. Braselman, genl. mgr. creosoting plant, Southport, New Orleans, La., having preliminary plans prepared 50,000,000 ft. annual capacity.

O., Canton—FACTORY—Canton Auto Spring Co., 117 13th St. S. E., plans 1 story addition, 13th St. $45,000.

O., Canton—SALES ROOM and SERVICE STATION—Rogers Motor Sales Co., having plans prepared 2 story and basement, 50 x 205 ft., brick and concrete sales and service station. $100,000. Private plans.

O., Cleveland — FACTORY — Cleveland Metal Stamping Co., F. W. Judd, pres., 5303 Hamilton Ave., had plans prepared by G. S. Rider & Co., Century Bldg., 2 story, brick and steel, East 31st St. and Payne Ave. $40,000.

O., Cleveland—FACTORY—Ward & Shaw Co., J. T. Mahon, vice-pres., 106th St. Clair Ave. N. W., plans 2 story and basement, brick, steel and concrete, East 21st St. and Oregon Ave. $90,000. Engineer and architect not selected.

O., Defiance—LIGHT PLANT—Election Nov. 3 $425,000 bonds, electric light plant, brick, steel and concrete. Engineer and architect not selected.

Ind., Gary—DAIRY—Clover Leaf Dairy Co. having plans prepared by R. Griesser, 64 West Randolph St., Chicago, Ill., 2 story and basement, 120 x 166 ft., rein.-con. and brick, concrete pile foundation. $100,000.

Mich., Detroit—POWER PLANT—Herman Kiefer Hospital, Hamilton and Blaine Aves., having plans prepared by A. Kahn, 1000 Marquette Bldg., 2 story, rein.-con. and brick power house. $200,000.

Ill., Chicago — GARTER FACTORY — A. S. Alschuler, archt., 28 East Jackson Blvd., soon takes bids 5 story and basement, 113 x 157 ft., brick and terra cotta addition, 1149 West Congress St., for A. Stein & Co., 1149 West Congress St. $500,000.

Ill., Hartford—TANNERY—International Shoe Co., 15th St. and Washington Ave., St. Louis, Mo., making preliminary plans 2 story, 118 x 160 ft., brick and concrete addition, here. $100,000. Private plans.

Wis., De Pere—FACTORY—Hudson Mfg. Co., Main St., plans rebuilding 2 story, brick and concrete or brick and timber factory, destroyed by fire. $40,000. Engineer and architect not selected.

Wis., Oshkosh — FACTORY — Fox River Valley Assn. of the Blind, N. Feldmann, treas., 303 Gertrude St., Kaukauna, plans 2 story, brick or stone, plain foundation, here. $50,000. Engineer and architect not selected.

Wis., Polar—SAW MILL—T. D. Kellogg Lumber Co., plans rebuilding 2 story saw mill, recently destroyed by fire. $50,000 loss. Engineer and architect not selected.

Mo., Kansas City—BAKERY—Campbell Baking Co., 3219 Troost Ave., soon takes bids 2 and 3 story, 150 x 190 ft., rein.-con., brick, steel and terra cotta addition. $425,000. Mills, Shines, Bellman & Nordoff, Ohio Bldg., Toledo, O., archts. Noted May 28.

Mo., St. Louis—PLANT—Killark Electric Mfg. Co., 3940 Easton Ave., soon takes bids rebuilding 1 story and basement, 140 x 200 ft., rein.-con. and brick plant, 3940 Easton Ave., recently destroyed by fire. $60,000. Private plans.

Mo., St. Louis — SILICATE OF SODA PLANT — Phila. Quartz Co., 121 South 3rd St., Phila., Pa., making preliminary plans rein.-con., brick and steel plant on 125 x 800 ft. site, incl. side tracks, etc., Geraldine St., here. $250,000.

Mo., Springfield — STEEL FOUNDRY — Standard Semi-Steel Fdry. Co., Clinton, C. T. Wilks, genl. mgr., having preliminary plans prepared 1 story, 65 x 200 ft., brick and concrete, Chase St. $40,000. Private plans.

Tex., Bastrop — POWER PLANT — Texas Power & Light Co., Waco, plans super power plant, 100,000 hp. on Colorado River. $8,000,000 or more. Private plans. W. B. Head, 4841 Crutcher St., Dallas, chn. Bd. Directors. Noted June 18.

Tex., Beeville — BOTTLING PLANT — Delaware Punch Co., Granado and North San Marcos Sts., San Antonio, plans brick and concrete bottling plant, 42,000 bottle capacity, here, $50,000, also having plans prepared 7 similar plants as above at locations in Lower Rio Grande.

Tex., Childress — ICE PLANT — Central Texas Power Co., plans ice plant, rein.-con. and brick, 70 ton capacity. $100,000. Private plans.

Calif., Oakland—FACTORY—California Steel Products Co., 452 Bay St., San Francisco, purchased 4½ acre site and plans factory, 66th and 68th Aves., here.

BIDS DESIRED

Mass., Lowell—REPAIR and SUPPLY SHOP—Boston Auto Supply Co., 96 Bridge St., taking bids 1 story, 45 x 212 ft., brick, 1st St. $40,000. Davis & Byam, Hildreth Bldg., archts.

Mass., Quincy (Boston P. O.)—LUMBER MILL—See "Contracts Awarded."

R. I., Providence—FACTORY—W. H. Coe Mfg. Co., 74 Weybosset St., taking bids 2 story, rein.-con. and brick, Clifford and Ship Sts. $40,000 or more. Perry & Whipple, Hospital Trust Bldg., archts.

Pa., Hillsville — CRUSHING and LOADING PLANT — See "Contracts Awarded."

Md., Baltimore—POWER HOUSE—See "Contracts Awarded."

Miss., Jackson — BOTTLING PLANT — Jackson Coca Cola Bottling Wks. taking bids 2 story and basement, 60 x 80 ft. brick and concrete plant. C. H. Lindsay, Lamar Life Bldg., archt.

O., Marietta—FACTORY—Oct. 19, L. Schenck & Williams, archts., Mutual Home Bldg., Dayton, 4 story and basement, 80 x 700 ft., brick and rein.-con. factory, for Safe Cabinet Co., E. W. Hopp, genl. mgr. $400,000. Noted Sept. 17.

Ind., Anderson — INDUSTRIAL — See "Contracts Awarded."

Mich., Dearborn — SHOP and LABORATORY — Ford Motor Co., Highland Park, taking bids 1 story, 201 x 318 ft., rein.-con. and brick addition, Oakwood Blvd., here. A. Kahn, 1000 Marquette Bldg., Detroit, archt. Noted June 25.

Wis., Sparta — CONDENSORY — See "Contracts Awarded."

Tex., Houston—FACTORY, etc.—A. C. Finn, archt., Bankers Mortgage Bldg., taking bids 4 story, 100 x 189 ft. rein.-con. slab main building, also 1 story 61 x 80 ft. timber pipe warehouse, McKinney Ave. and Hutchins St., for Crane Co., 836 South Michigan Ave., Chicago, Ill. $90,000.

Okla., Tulsa—PRINTING PLANT—A. M. Atkinson, archt., 218 Midcontinent Bldg., Oklahoma City, taking bids 4 story and basement, 50 x 140 ft., rein.-con. and brick addition, for E. Lorton, c/o Tulsa World. $150,000.

CONTRACTS AWARDED

Me., Lewiston—POWER HOUSE—Central Maine Power Co., Water St., Augusta, W. S. Wyman, mgr., hydro-electric development incl. power house, generating 27,000 hp., 50 ft. concrete dam across Androscoggin River at Gulf Island, 5 mi. from here, and short branch line railroad, to Morton C. Tuttle Co., Park Sq. Bldg., Boston, Mass. Noted Sept. 17 under "Dams."

Mass., Boston—MANUFACTURING, etc.—Salada Tea Co., 155 Berkley St., 9 story and basement, 100 x 170 ft., brick, steel and limestone manufacturing, office and warehouse addition, plain foundation, to Sawyer Constr. Co., 16 Arlington St. Archts. est. to exceed $150,000. Noted Aug. 27.

Mass., Monroe (mail Readsboro, Vt.)—POWER PLANT—New England Power Co., 35 Harvard St., Worcester, 9,000 kw. power station and 90 ft. earth dam, on Deerfield River, here, to Power Constr. & Eng. Corp., 35 Harvard St., Worcester. Noted Oct. 1.

Mass., New Bedford — PLANT — Neild Mill Corp., Nash Road, 1 story, 112 x 190 ft., brick addition, to J. W. Bishop Co., Standard Bldg. Archts. est. $60,000.

Mass., Quincy (Boston P. O.)—LUMBER MILL—Norfolk Woodworking Co., Braintree, will build 50 x 200 ft. brick boiler house and dry kiln, 265 x 285 ft., stucco and cabinet shop and storage building, 35 x 70 ft. brick and timber office and storage building and 140 x 260 ft. concrete and timber mill, Hancock St., by day labor. $70,000. S. S. Joslin, 339 Newbury St., Boston, archt.

R. I., Harrisville — MILL — Stillwater Worsted Mills, Burrillville, 2 story, 36 x 224 ft., brick and timber, to Eastern Constr Co., 345 Main St., Woonsocket. Archts. est. to exceed $40,000.

R. I., Woonsocket — PLANT — Jules Desurmont Worsted Co., Fairmount St., 1 story, 90 x 240 ft., rein.-con. addition, to W. T. Reed Co., 200 Devonshire St., Boston.

Conn., Danbury — SILK FACTORY — Tweedy Silk Mills, Inc., East Franklin St., 1 story, 40 x 85 ft. brick dyehouse, and 30 x 150 ft., brick and steel finishing building, to Torrington Building Co., 182 Church St. Archts. est. $40,000.

N. J., Jersey City — FACTORY — Natl. Asbestos Mfg., Henderson St., 5 story, rein.-con., brick and stone, plain foundation, Henderson St., to Industrial Eng. Co., 30 Church St., New York City. Archts. est. $100,000.

Pa., Easton — FACTORY — Individual Drinking Cup Co., general contract for factory, to R. T. and C. D. Stewart Constr. Co., Easton, $60,000.

Pa., Wilkes-Barre—FACTORY—Hazzard Mfg. Co., 81 East Ross St., removing 7 buildings and general contract constructing 3 story, 110 x 180 ft., rein.-con. and brick, plain foundation, Hazle St., to J. Curtis Co., 1 Hickory St., $190,000. Noted Sept. 3.

Buildings—Industrial (Continued)

Pa., Hillsville — CRUSHING and LOADING PLANT — Lake Erie Limestone Co., Wick Bldg., Youngstown, O., will build 1 story, 35 x 60 ft., steel and concrete plant, here, by day labor; steel, to Bollinger-Andrews Constr Co., Empire Bldg., Pittsburgh. Allis Chalmers Co., West Allis St. Milwaukee, Wis., engrs.

Pa., Wilkes-Barre — FACTORY — S. Moskovitz, archt., 63 Hazle St., 2 story, 60 x 156 ft., rein.-con. and steel, plain foundation, to M. Moskovitz, 63 Hazle St. Engrs. est. $40,000. Owner's name withheld.

Md., Baltimore—POWER HOUSE—Consolidated Gas, Electric Light & Power Co., Lexington Bldg., H. A. Wagner, pres., will build (1st unit) $4,000,000 plant, 1 story, rein.-con., plain foundation, McComas and Gould Sts., by day labor. $175,000. Private plans.

N. C., Winston-Salem—HOSIERY MILL—Hanes Hosiery Mills Co., 2 and 3 story, 129 x 505 ft., and 73 x 126 ft., steel and timber mill, to Southeastern Constr. Co., Trust Bldg., Charlotte, $247,000.

O., Cleveland — WAREHOUSE and SHIPPING ROOM—Cyclone Fence Co., 1287 Marquette Rd., 1 story and part basement, 85 x 240 ft., 1287 Marquette Rd., to E. F. Gibbons Constr. Co., Union Trust Bldg. Archts. est. $75,000.

O., Columbus — FACTORY — Furnas Ice Cream Co., 569 East Long St., 2 story and basement, 30 x 40 ft., concrete, East Long St., to E. Elford, 555 Park St., about $45,000.

Ind., Anderson — INDUSTRIAL — Remy Electric Div. of Genl. Motors Corp., will build 1 story, 200 x 520 ft., rein.-con. and steel, plain foundation, Columbus Ave. and 25th St., by day labor under supervision of N. R. Kettering, engr., Anderson. $90,000. Private plans.

Mich., Detroit—FACTORY—Ford Motor Co., Highland Park, 3 story, 67 x 851 ft. addition to Lincoln plant, Livernois Ave., here, to W. E. Wood Co., 1805 Ford Bldg. Noted Sept. 24.

Ill., Chicago—FACTORY—Plibrico Jointless Fire Brick Co., Kingsbury St. near north branch Chicago River, general contract 2 story and basement, 76 x 131 ft., Kingsbury St., to E. W. Sproul & Co., 2001 West Pershing Rd. Archts. est. $200,000.

Ill., Duquoin — PACKING PLANT — Duquoin Packing Co., 1 story, rein.-con. and brick packing plant, to A. H. Haesler Building & Contg. Co., Wainwright Bldg., St. Louis, Mo. Archts. est. $50,000.

Ill., La Salle — FACTORY, STORAGE, etc.—Western Clock Co., G. P. Clow, pres., general contract 5 story and basement, 65 x 240 ft., rein.-con. and brick factory, to V. Jobst & Co., Lehmann Bldg., Peoria. Archts. est. $300,000.

Wis., Oshkosh—MACHINE SHOP—J. W. Hewitt Machine Co., 131 North Commercial St., 1 story, 40 x 70 ft., brick and steel addition, plain foundation, to C. R. Meyer & Sons, 50 State St.

Wis., Sparta — CONDENSORY — Pet Milk Co. will build 3 story, 60 x 80 ft., and 67 x 180 ft., brick and timber addition, plain foundation, by day labor. $50,000. Private plans.

Tex., Kingsville—ICE PLANT—Texas Central Power Co., Frost Bldg., San Antonio, 1 story, rein.-con., brick and steel, plain foundation, to Sumner Sollitt Co., Natl. Bank of Commerce Bldg., San Antonio, $40,000.

Buildings—Commercial

PROPOSED WORK

Mass., Boston—HOTEL—Hotel Bellevue, c/o I. Woods, 21 Beacon St., having preliminary plans prepared by Putnam & Cox, 114 State St., 5 story and basement, rein.-con., brick and steel addition, Beacon St. To exceed $150,000.

Mass., Boston—WARD—Beth Israel Hospital, Brookline Ave., takes bids after Oct. 16, 7 story and basement, 42 x 186 ft., brick and limestone, plain foundation, Brookline Ave. near Longwood Ave. To exceed $150,000. Densmore, LeClear & Robbins, Park Sq. Bldg., archts.

Mass., Cambridge (Boston P. O.) — APARTMENT — Mather Court Apartments, 1 Warehouse St., having plans prepared by Newhall & Blevens, 9 Park St., Boston, and soon lets contract, 6 story and basement, 6,000 sq.ft. floor space, rein.-con. and brick addition, $250,000.

Mass., Melrose (Boston P. O.)—BANK—Melrose Savings Bank, 497 Main St., having preliminary plans prepared by Adden & Parker, 177 State St., Boston, 2 story, brick and stone addition, Main and Foster Sts. $150,000. Noted Sept. 17.

Mass., Roxbury (Boston P. O.) — APARTMENT — J. A. Tuck, archt., Park Sq. Bldg., Boston, preparing plans 3 story and basement, 80 x 150 ft., brick, Waumbeck St., here. $200,000. Owner's name withheld.

R. I., Providence — HOSPITAL — Emma Pendleton Bradley Estate, 84 Keene St., plans 2 or more story hospital. $150,000 or more. Engineer and architect not selected.

R. I., Providence—HOSPITAL—Mariam Hospital Assn., having plans prepared by Clark & Howe, Turks Head Bldg., hospital addition, 593 Eddy St. $150,000 or more.

N. Y., Brooklyn — MAUSOLEUM — New York Mausoleum Assn., Inc., 50 Church St., New York City, having plans prepared by G. B. Webb, archt and engr., 10 East 43rd St., New York City, 3 story, 105 x 200 ft., brick, steel and stone, Cypress Hills Cemetery, here. $2,000,000.

N. Y., Buffalo—APARTMENT—Kushin & Konikoff, Inc., 55 Allen St., plans rein.-con. and brick, 1306 Delaware Ave. $300,000.

N. Y., Buffalo—HOSPITAL—T. S. Given, 56 Lincoln Parkway, plans Jewish Hospital. $500,000.

N. Y., Buffalo—Y. M. C. A., West Genesee St., plans 2 new buildings, in North and East Side Dists. $375,000. R. E. Smith, chn.

N. Y., New York—APARTMENT—Owner, c/o A. J. Thomas, archt. and engr., 15 East 47th St., having plans prepared 5 story, brick, steel and stone, plain foundation, Sheridan Ave. $500,000.

N. Y., New York — APARTMENT — Owner, c/o Gronenberg & Leuchtag, archts. and engrs., 450 4th Ave., having plans prepared 5 story, 90 x 100 ft., brick, steel and stone, plain foundation, West 176th St. $175,000.

N. Y., New York — APARTMENT — Owner, c/o W. I. Hohauser, archt. and engr., 1460 Bway., having plans prepared 5 story, brick, steel and stone plain foundation, West 173rd St. $175,000.

N. Y., New York—BANK and OFFICE—Bronx Realty Syndicate, c/o Moore & Landseidel, archts. and engrs., 148th St. and 3rd Ave., having plans prepared brick, steel and stone, plain foundation, East Fordham Rd. $250,000.

N. Y., New York—CLUB and STUDIO—Authors League of America, 2 East 23rd St., soon takes bids 20 story, brick, stone and steel, plain foundation, 120 East 34th St. $5,000,000. G. Aus, 244 Madison Ave., engr. E. Fairchild, 469 5th Ave., archt.

N. Y., New York — WAREHOUSE — Hensle Constr. Co., 220 Nagle Ave., having plans prepared by G. S. Kingsley, archt. and engr., 1402 Bway., rein.-con., brick and steel, plain foundation, 647 West 134th St. $250,000.

N. J., Camden—OFFICE—J. O. Wilson, 336 Market St., having plans prepared by L. Rothschild, 215 South Broad St., Phila., 12 story and basement, 43 x 140 ft., brick and steel, Bway. and Cooper Sts. $500,000.

Pa., Dormont (Pittsburgh P. O.)—BANK—Dormont Savings & Trust Co., Masonic Bldg., having revised plans prepared by Simons, Brittain & English, Magee Bldg., Pittsburgh, 2 story and basement, brick and stone, West Liberty St. $150,000. Noted July 30.

Pa., Johnstown — TEMPLE — Masonic Temple Assn., 213 Dalbert St., having plans prepared by J. C. Fulton & Son, Citizens Trust Bldg., Uniontown, 8 story and basement, 160 x 200 ft., brick or stone, Valley Pike and Linton St. $900,000.

Pa., Monongahela — BANK — Monongahela City Trust Co. having plans prepared by Morgan French & Co., 19 West 44th St., New York City, N. Y., 3 story and basement, 60 x 80 ft., brick, Main St. $200,000.

Pa., Phila. — OFFICE — P. Glassman & L. Tendler, Commercial Trust Bldg., making plans 15 story and basement, rein.-con., brick and steel, plain foundation, 4th and Market Sts. Engineer and architect names withheld.

Pa., Pittsburgh—BANK—Iron & Glass Dollar Savings Bank, 1113 East Carson St., having plans prepared by P. C. Dowler, Magee Bldg., 1 story and basement, 60 x 120 ft., stone and brick, Carson St. $150,000.

Md., Catonsville (Br. Baltimore)—HOSPITAL—Spring Grove State Hospital, A. P. Herring, chn. Lunacy Comn., 330 North Charles St., Baltimore, having plans prepared by H. P. Hopkins, 347 North Charles St., Baltimore, 3 story and basement, 40 x 100 ft., brick ward building addition, plain foundation, here. $250,000.

Ga., Atlanta — CITY HALL — Defeated $2,000,000 bonds for city hall. New election in November. W. Sims, mayor. Noted July 23.

Fla., Coral Gables — APARTMENT — Meyer-Kiser Corp., Miami, having plans prepared by George & Zimmerman, Meyer Kiser Bank Bldg., Indianapolis, Ind., 3 story and basement, 80 x 140 ft., rein.-con. and hollow tile, here. $165,000.

La., Shreveport — BUSINESS — G. F. Bishop, c/o G. F. Bishop, Inc., soon lets contract 5 story addition, Spring and Milam Sts. $175,000. Engineer and architect not announced.

O., Canton—THEATRE and OFFICE—Loews Inc., 1540 Bway., New York City, plans 3 story and basement, 100 x 200 ft., brick, steel, concrete and ornamental stone, Market Ave. N. to Piedmont Ave. N. W. $750,000.

O., Cleveland — STORE and APARTMENTS — East 130 Buckeye Co., J. Polshek, pres., c/o P. J. Spitz Co., Swetland Bldg., having plans prepared by N. Petti, Williamson Bldg., store and 2 apartments, each 3 story, brick and timber, East 130th St. and Woodland Rd. $225,000.

Ind., Indianapolis — HOME — Pythian Home Fund Com., Indiana Pythian Bldg., plans 3 story and basement, rein.-con., brick and steel home, plain foundation. $300,000. Engineer and architect not announced.

Ind., Indianapolis — INSURANCE — Supreme Lodge, Knights of Pythias, Pythian Bldg., Indianapolis, having plans prepared by McGuire & Shook, Pythian Bldg., 3 story and basement, 75 x 120 ft., rein.-con., brick and steel, concrete pile foundation, Meridian St. $250,000.

Mich., Detroit — OFFICE — United Brotherhood of Maintenance of Way Employes & Railroad Shop Laborers, 61 Putnam St., having plans prepared 9 story and basement, rein.-con., brick and steel, plain foundation, Clifford and Columbia Sts. $400,000. Engineer and architect's names withheld.

Mich., Eloise — HOSPITAL — Supervs. Wayne Co., J. C. Lodge, chn., Detroit, plans 3 story and basement, brick and concrete hospital, here. $350,000. Engineer and architect not selected.

Ill., Chicago—APARTMENT and SHOP—G. H. J. Haas, 130 North Wells St., takes bids about Nov. 1, 3 story and basement, 160 x 300 ft., rein.-con., brick and stone, Lake St. between Mayfield and Menard Aves. $600,000. P. Hansen, 1320 Wilson Ave., archt.

Ill., Chicago—HOTEL and STORE—A. G. Halas, 4732 North Racine Ave., takes bids about Nov. 5, 12 story and basement, 96 x 150 ft., rein.-con., brick and stone, Leland and Racine Aves. $1,000,000. L. G. Hallberg & Co., 116 South Michigan Ave., archts.

Ill., Chicago — HOTEL — Gallup & Joy, archts., 646 North Michigan Ave., soon lets contract remodeling and constructing 10 story and basement, 25 x 150 ft., rein.-con. addition, for Hotel Lexington, 22nd St. and South Michigan Ave. $750,000.

Ill., Chicago — STORE and LOFT — Gallup & Joy, archts., 646 North Michigan Ave., soon lets contract 2 story, 50 x 90 ft., concrete and brick, West Division St. near Mansfield Ave. $150,000. Owner's name withheld.

Wis., Milwaukee — HOSPITAL — Milwaukee Hospital, 22nd and Cedar Sts., soon takes bids 5 story and basement, 46 x 150 ft., brick and concrete addition and boiler house, Cedar St. $250,000. Clas, Shepherd & Clas, 445 Milwaukee St., archts. Noted April 2.

Mo., Kansas City—GARAGE—E. Saulsbury, 3526 Bway., plans rein.-con. garage. $150,000.

Mo., St. Louis — BANK and OFFICE — Jefferson-Gravois Bank, 2534 South Jefferson Ave., having preliminary plans prepared by St. Louis Bank Equipment Co., 811 Walnut St., 3 story and basement, rein.-con., brick and stone, Jefferson and Gravois Aves. $200,000.

Mo., St. Louis—THEATRE, STORE, etc.—Local Syndicate, c/o Paul Jones Realty Co., Wainwright Bldg., having preliminary plans prepared 1 and 2 story and basement, rein.-con., brick, stone and terra cotta, Skinker, Oakland and Clayton Sts. $500,000. Private plans.

Buildings—Commercial (Continued)

Tex., San Antonio — JAIL — Bexar Co. having plans prepared by A. B. and R. M. Ayres, Bedell Bldg., and Seutter & Simons, Builders Exch. Bldg., archts. and engrs., remodeling present building and constructing 2 story, rein.-con. brick, stone and steel addition, Cameron and West Houston Sts. $500,000. A. C. Pancoast, 102 Turner St., co. engr.

Okla., Bartlesville—OFFICE and STORE —Phillips Petroleum Co., had plans prepared by Keene & Simpson, Land Bank Bldg., Kansas City, Mo., 7 story, 60 x 140 ft., rein.-con., brick and stone store and office building. $500,000. Noted June 25.

Okla., Boise City — COURT HOUSE — Cimarron Co. having preliminary plans prepared by Parker & Crawford, Amarillo, Tex., 3 story and basement, 90 x 144 ft., rein.-con. and brick, plain foundation, Main St. $175,000.

Okla., Okmulgee—OFFICE—J. W. McCulloch, 1324 8th St., having preliminary plans prepared by Smith & Senter, 401 Commerce Bldg., 6 story and basement, 95 x 103 ft., rein.-con., brick and stone, Creek St. $350,000.

Okla., Okmulgee—OFFICE—W. B. Pine having preliminary plans prepared by Smith & Senter, Okmulgee, 10 story and basement, 50 x 140 ft., brick, plain foundation, Creek St. $350,000.

Okla., Ponca City — THEATRE, STORE and OFFICE—E. Wetzel, G. H. Butt and J. A. Douglas soon take bids 2 story, 60 x 140 ft., concrete and brick, plain foundation, Grand Ave. $150,000. Smith & Senter, Okmulgee, archts. Noted Sept. 10.

Okla., Tulsa—MARKET—Producers Cooperative Co., c/o R. D. Rees, secy., having plans prepared by M. Cross, 16 Nebraska Bldg., 1 story and basement, 140 x 140 ft., rein.-con. and brick, plain foundation, 5th St. $150,000.

Colo., Pueblo—OFFICE and THEATER —Middlecamp, Lee & Knudes, Pueblo, having plans prepared by W. N. Bowman, Indurance Bldg., Denver, 4 story and basement, 120 x 200 ft., 4th and Main Sts. $300,000.

Ore., Portland — BUSINESS — Plaza Investment Co., having plans prepared by C. W. Ertz, Pittock Blk., 2 story and basement, 100 x 134 ft., rein.-con., 4th and Main Sts. To exceed $150,000.

Ore., Portland—THEATRE and STORE —J. H. De Houey having plans prepared by C. A. Houghtaling, 326 Stark St., 2 story, 150 x 150 ft., rein.-con., 21st St. and Washington Ave. $200,000.

Ore., Portland—THEATRE and STORE —Jensen & Von Herberg, having plans prepared by Bennes & Herzog, Chamber of Commerce Bldg., and soon takes bids 1 story rein.-con., stucco and tile theatre, 1,600 capacity, East 41st St. and Sandy Blvd. $400,000.

Calif., Los Angeles—THEATRE—Hollywood Music Box, Inc., Hollywood, having preliminary plans prepared by Morgan, Walls, & Clements, 1124 Van Nuys Bldg., rein.-con., 6120 Hollywood Blvd., here. $150,000.

Calif., Los Angeles — THEATRE — H. E. Jones, (representing owners) having plans prepared by Gogerty & Weyl, archts. and engrs., 820 Hollywood Guaranty Bldg., 2 story, 100 x 181 ft., rein.-con., Vine St. near Hollywood Blvd. $300,000.

Calif., Los Angeles — WAREHOUSE — Goodyear Tire & Rubber Co., 6701 South Central Ave. soon takes bids 4 story, 100 x 200 ft., rein.-con. warehouse addition, 6701 South Central Ave. $150,000.

Calif., Pasadena—EXCHANGES—Southern California Telephone Co., having plans prepared by J. and R. B. Parkinson, 420 Title Insurance Bldg., Los Angeles, 3 story and basement, 90 x 130 ft., rein.-con., Madison Ave. and Green St.; and 2 story and basement, 100 x 100 ft., rein.-con., Elizabeth and Lake Sts. To exceed $150,000 each.

Calif., San Leandro—CITY HALL—City Council election Nov. 6, $150,000 bonds, new city hall.

Calif., Santa Monica—CLUB—Breakers Corp., c/o H. L. Lewis, 804 Spring Arcade Bldg., Los Angeles, plans 8 story clubhouse on Marineway, here. $500,000. Engineer and architect not selected.

BIDS DESIRED

Mass., Lynn—APARTMENT—See "Contracts Awarded."

Mass., Maynard—BANK—Maynard Trust Co., Main St., taking bids 2 story and basement, brick and steel, Main St. $150,000. E. B. McGirr, 6 Beacon St., Boston, archt. Noted Aug. 20.

Mass., Sharon — LODGE — L. Dubinsky taking bids Sunset Lodge, 3 story and basement, 75 x 95 ft., brick and timber, plain foundation. $150,000. L. G. Foster, 101 North Main St., Mansfield, archt.

Conn., New Haven—APARTMENT—See "Contracts Awarded."

Mich., Detroit—APARTMENT, CHURCH, etc. — Williams & Coughlan, archts., 801 Kresge Bldg., taking bids 9 story and basement, 75 x 100 ft. apartment, 2 story and basement, 79 x 100 ft. church, and 3 story and basement, 50 x 100 ft. recreation building, all rein.-con., brick and stone, West Grand Blvd. and 12th St., for West Grand Blvd. Methodist Episcopal Church, R. H. Bready, pastor, 1955 La Mothe Ave. $850,000. Noted June 25.

Mich., Detroit — WAREHOUSE — Lane, Davenport & Peterson, archts., Charlevoix Bldg., taking bids 6 story, 100 x 550 ft., rein.-con. and brick, West Fort St., for Coe Terminal Warehouse Co., 5620 Federal Ave. $3,000,000.

Ill., Chicago—APARTMENT—Oct. 25, by C. F. Henry, 7455 Greenview Ave., 16 story and basement, 60 x 209½ ft., rein.-con., brick, steel and stone, wood pile foundation, Seneca St. and Delaware Pl. $2,000,000. Thielbar & Fugard, 219 East Superior St., archts.

Ill., Chicago—APARTMENT—See "Contracts Awarded."

Wis., Milwaukee — HOTEL—M. Tullgren & Sons, archts., 425 East Water St., taking bids 4 story and basement, 52 x 150 ft., brick and concrete, plain foundation, 4th and Wells Sts., for Republic Building Co., 530 Grand Ave. $250,000.

Minn., St. Paul—HOSPITAL—Oct. 26, by Ramsey Co. Bd. Control, O. J. Tong, secy., Court House, 4 story and basement, T shaped, rein.-con., brick and stone addition to Aucker Hospital, Jefferson and Colburn Sts. $380,000. Buechner & Orth, 500 Shubert Bldg., archts. Noted June 4.

Okla., Tulsa — HOTEL — Shephard & Wiser, archts., 1208 R. A. Long Bldg., Kansas City, Mo., taking bids 8 story and basement, V shape, rein.-con. and brick, 15th St. and Frisco Ave. $1,000,000. Noted Aug. 20.

BIDS RECEIVED

Calif., Richmond — HOTEL — Richmond Community Hotel, E. M. Downer, pres., 5 story hotel, from Barrett & Hilp, 354 Hobart St., Oakland, $153,900. Noted Sept. 24.

CONTRACTS AWARDED

Mass., Boston — APARTMENT—Landon Inc., 397 Commonwealth Ave., altering and constructing 5 story and basement, brick addition, to W. H. Whitcomb Constr. Co., 6 Beacon St. Archts. est. $150,000.

Mass., Lynn—APARTMENT—B. Bloom, 106 Newhall St., will build 4 story and basement, brick and stone, Woodbury Rd. $150,000. Work will be done by separate contracts. B. O. Cornet, 10 Central St., archt.

Conn., Hartford — OFFICE and THEATRE — M. Shulman & Sons, 1764 Park St., 2 story, 90 x 115 ft., brick and steel, to S. C. Poriss Co., 104 Asylum St. Archts. est. $150,000. Noted Aug. 20.

Conn., New Haven — APARTMENT — L. Berman, 1519 Chapel St., will build 3 story, 110 x 120 ft., brick and stone, Fountain St., by day labor. $150,000. J. Weinstein, Metropolitan Bldg., archt.

N. Y., Fishers Island—CLUB—Fishers Island Corp., 3 story and basement, 50 x 352 ft., brick and stucco, to General Building Co., 522 Harrison Ave., Boston, Mass. Archts. est. to exceed $150,000. Noted Oct. 1.

N. Y., Long Island City—BANK and OFFICE—Bank of Manhattan Co., 40 Wall St., New York City, 11 story, 60 x 100 ft., brick, steel and stone, plain foundation, 5 Skillman Pl., to C. T. Wills, Inc., 286 5th Ave., New York City.

N. Y., New York—HOSPITAL—Cranleigh Hospital, 37 Bridge St., 9 story, 75 x 100 ft., brick, steel and stone, plain foundation, East 90th St., to W. N. Smith, 101 Park Ave. Archts. est. $500,000. Noted Aug. 27.

N. J., Atlantic City — HOTEL — Hotel Chelsea, Morris Ave. and Beach, 9 story, 100 x 240 ft., brick and steel addition, plain foundation, to F. V. Warren Constr. Co., 1913 Arch St., Phila.

Pa., Nazareth — BANK — Nazareth Natl. Bank, general contract for bank, to Butz & Clader, Allentown, $150,000.

Pa., Phila. — APARTMENT — C. Gross, Land Title Bldg., 3 story and basement, 42 x 100 ft., brick and steel, plain foundation, Roosevelt and Summerdale Rds., F. H. Harris Co., 1520 Parrish St. Archts. est. $150,000.

Pa., Phila.—BANK and OFFICE—Hall & Gravell, archts., Otis Bldg., 12 story and basement, 48 x 108 ft., rein.-con., brick and steel, plain foundation, 15th and Locust Sts., to F. V. Warren Co., 1913 Arch St. for R. Seltzer Apartment, 1423 Locust St. Archts. est. $700,000.

Pa., Phila. — STORE — S. S. Kresge Kresge Bldg., Detroit, Mich., 2 story and basement, 48 x 105 ft., rein.-con., brick and steel, plain foundation, 2330-34 North Front St., here, to F. Elvidge & Son, 5522 Germantown Ave. Archts. est. $150,000.

Fla., Sarasota—COURT HOUSE—City court house, to Stevenson & Cameron, Sarasota, and 37 West 25th St., New York City, $336,426.

La., New Orleans—BUSINESS—E. Weil, archt., Whitney Bldg., altering and improving Macheca Building, 826 Canal St., incl. remodeling interior, heating system, etc., to L. F. Favret, Louisiana Bldg., for Godchaux Clothing Co. Archts. est. $150,000 plus.

O., Akron — GARAGE — Mankin-Ferris Co., 422 West Exchange St., 3 story and basement, 76 x 130 ft., rein.-con., brick and stone, West and West Market Sts., to C. W. and P. Constr. Co., 718 Sec. Natl. Bldg., $150,000.

O., Cleveland—EXCHANGE—Ohio Bell Telephone Co., C. P. Cooper, pres., 4300 Euclid Ave., 22 story and basement, 154 x 159 ft., East 85th St. and Huron Rd., to Lundoff-Bicknell Co., B. F. Keith Bldg. Archts. est. $7,500,000. Noted Sept. 3.

Mich., Flint — COURTHOUSE—Supervs. Genessee Co., 4 story, 81 x 172 ft., rein.-con. courthouse, to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit, $420,000; heating and equipment, to Newett Co., Flint, $43,100. Noted May 28.

Mich., Pontiac — HOSPITAL — Bd. Supervs., 2 story and basement, brick and rein.-con. contagion hospital, to Pryale Constr. Co., 701 Pontiac Commercial Bank Bldg., $150,000 cost plus percentage basis. E. & R.

Mich., Springwells — GARAGE — Detroit Motorbus Co., 14401 Dexter Blvd., Detroit, 1 story, 135 x 300 ft. brick and concrete, here, to Austin Co., 2201 1st Natl. Bank Bldg., Detroit.

Ill., Chicago—APARTMENT—H. Kaplan, etc., 2011 West Division St., will build 4 story, 125 x 150 ft., brick and terra cotta, Jackson Blvd. and Hamlin Ave. $450,000. Work will be done by separate contracts. Dubin & Eisenberg, 14 West Washington St., archts.

Ill., Chicago—OFFICE—Standard Oil Co., 8th St. and Michigan Ave., general contract 7 story, 134 x 241 ft., rein.-con., brick and steel top addition, to J. Griffiths & Sons, 112 West Adams St. Archts. est. $2,000,000. Noted Sept. 10.

Ill., Chicago—THEATRE and HOTEL—Hydestone Building Corp., 1118 South Michigan Ave., general contract 12 story, 140 x 180 ft., and 60 x 150 ft., fireproof theatre and hotel, 5101-5125 Blackstone Ave., to J. A. Lindstrum Co., 5153 North Clark St. Archts. est. $1,500,000.

Ill., Springfield — OFFICE, STORE and APARTMENT — Lincoln Square Theatre Corp., c/o L. Roberts, 113 North 5th St., 3 story, 157 x 242 ft., rein.-con. and brick, 5th and Jefferson Sts., to Kaiser & Ducett Constr. Co., Joliet Natl. Bank Bldg., Joliet. Theatre portion awarded soon by R. Levine & Co., archts., 822 West 70th St. Archts. total est. $850,000. Noted Feb. 12.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Allston (Boston P. O.) — SCHOOL — Schoolhouse Dept., City Hall, Boston, having preliminary sketches made by E. I. Wilson, 109 State St., Boston, 2 story, brick, Brainard Rd., here. $150,000.

Mass., Medford (Boston P. O.)—SCHOOL —City, having sketches made by M. A. Dyer, 1 Beacon St., Boston, 2 story and basement, brick and stone, Park and Court Sts. $300,000.

Mass., Medford (br. of Boston) — SCHOOL — City, School Com., plans 2 story, brick elementary school, Webster and Waterbury Sts., Medford Center Dist. $150,000 or more. Engineer and architect not selected.

Mass., Roxbury (Boston P. O.) — SCHOOL—City, Schoolhouse Dept., Boston,

Buildings—Educational, Religious (Cont.)

plans 2 story, brick, Washington and Walden Sts., here. $160,000. Engineer and architect not selected.

Mass., Salem—HIGH SCHOOL—City, J. J. McCarthy, chn. com., 81 Washington St., plans brick and stone addition. $150,000. Engineer and architect not selected.

Mass., Sharon—SCHOOL—School Com., having preliminary plans prepared by Ritchie, Parsons & Taylor, 15 Ashburton Pl., Boston, 2 story and basement, brick and stone school. $150,000.

Mass., West Roxbury (Boston P. O.) — SCHOOL — Schoolhouse Dept., City Hall, Boston, having plans prepared by R. C. Sturgis, 120 Boylston St., 2 story and basement, brick and stone elementary school, Gardner and Dunwell Sts., here, $150,000.

Conn., East Haven (br. New Haven) — SCHOOL — Town, School Comn., Town Hall, plans Junior High School, brick and steel, Thompson St. $150,000. Engineer and architect not selected.

Pa., Hazelton—HIGH SCHOOL—Hazelton School Dist., having plans prepared by Lawrie-Green Co., 116 Locust St., Harrisburg, high school. $500,000.

Pa., New Castle—CHURCH and SUNDAY SCHOOL—Third U. P. Congregation, c/o S. B. Copeland, pastor, 1309 East Washington St., having plans prepared by J. L. Beatty, Jackson Bldg., Pittsburgh, 2 story and basement, 96 x 120 ft., stone or brick, East Washington St.

Pa., Scranton—SYNAGOGUE—Temple Israel Congregation having plans prepared by L. Reisman, Miller Bldg., for synagogue, here. $250,000.

Pa., Sunbury — SUNDAY SCHOOL and PARSONAGE — First United Evangelical Church, having plans prepared by J. O. Fulton & Son, Sunday school and parsonage. $150,000.

Pa., West Pittston — HIGH SCHOOL — School Bd. takes bids about Oct 10, for high school. $250,000. Mach & Sahm, Coal Exch. Bldg., Wilkes Barre, archt. J. B. Foster, Wilkes-Barre, associated archt. $250,000.

Md., Baltimore — NURSES HOME — Mayor and City Council, City Hall, plan 4 story, brick and steel nurses home, plain foundation, Eastern Ave. $200,000. Engineer and architect not selected.

Miss., Hattiesburg — SCHOOLS — Voted $200,000 bonds for schools. Engineer and architect not selected.

O., Akron — SCHOOL — Bd. Educ., plans 2 story and basement, brick addition to G. T. Rankin School. $200,000.

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., having plans prepared by G. M. Hopkinson, 6th St. Clair Bldg., 2 story and basement, 10 room, brick, steel and concrete addition, East 131st St. and Corlett Ave. $247,500.

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., plans 31 room, brick, steel and concrete, East 116th St. and Union Ave. $642,000. G. M. Hopkinson, 6th St. Clair Bldg., archt.,

O., Lorain—CHURCH—Church of Christ having plans prepared by L. H. Sturgis, Bd. Trade Bldg., Indianapolis, Ind., 2 story and basement, Bedford stone church. $175,000.

Ind., Flat Rock—SCHOOL—D. Clark, trustee, Shelbyville, having plans prepared by Allen & Garrison, Natl. City Bank, Indianapolis, 2 story and basement, 92 x 120 ft., brick, plain foundation. $165,000.

Ind., Indianapolis — SCHOOL — School Bd. having plans prepared by Osler & Burns, Penway Bldg., 2 story and basement, brick, steel and concrete, plain foundation, Howard St. $170,000.

Ind., Indianapolis—SCHOOL—School Bd. having plans prepared by Pierre & Wright, Hume-Mansur Bldg., 2 story and basement, brick, steel and concrete, plain foundation, Vermont St. $170,000.

Ind., Indianapolis—SCHOOL—St. Phillip Neri Church, 527 Eastern Ave., having plans prepared by Henkel & Hansen, Connersville, 2 story and basement, rein.-con., brick and stone, North St. $150,000.

Mich., Ann Arbor—OBSERVATORY—University of Michigan plans rein.-con. observatory, plain foundation. $250,000. Architect not selected.

Kan., Pittsburg — SCHOOLS—Bd. Educ. having plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, Mo., rein.-con. and brick Grade, Junior and Senior High Schools. $650,000.

Mo., Kirkville — COLLEGE — Northeast Missouri Teachers College, J. Kirk, chn., will not construct until 1926 or later, 3 story and basement, 122 x 148 ft., brick, concrete, stone and steel administration building, on campus. Noted Oct. 1.

Ark., Pine Bluff—CHURCH—First Presbyterian Congregation, R. E. Fry, pastor, having preliminary sketches made by Spencer & Phillips, 203 Fidelity Bank Bldg., Memphis, Tenn., 2 story and basement, concrete, brick and stone church. To exceed $150,000.

Okla., Tulsa — SCHOOL — Augustinian Fathers, 1530 South Rockford St., F. A. Driscoll, pres., takes bids about Dec. 1, 2 story and basement, 60 x 147 ft. rein.-con., brick and tile school, 2 story and basement, brick, tile and cut stone residence, 1 and 2 story 78 x 100 ft. concrete and brick gymnasium, Terwilliger Heights. $200,000. A. M. Atkinson, 218 Midcontinent Bldg., archt.

BIDS DESIRED

Vt., Rutland—NURSES HOME—Rutland Hospital, c/o A. H. Smith, archt., Gryphon Bldg., taking bids 3 story and basement, 45 x 105 ft., rein.-con., brick and tile, plain foundation. $150,000. Noted Aug. 20.

Mass., Medford — COLLEGE — Marist Fathers, A. Rabel, pastor, 35 Middlesex St., taking bids 2 story and basement, granite and stone, Green Rd. $500,000. W. F. Fontaine, 285 Main St., Woonsocket, R. I., archt.

Mass., Roxbury (Boston P. O.) — SCHOOL—Mission Church Parish, W. O'Connell, 25 Granby St., taking bids 2 story and basement, 64 x 200 ft., brick and stone, plain foundation, Tremont St. $200,000. F. J. Untersee, 585 Boylston St., archt.

Conn., New Britain—SCHOOL—Oct. 26, by School Dept., J. M. Halloran, chn., 2 story, brick, Steel St. W. P. Crabtree, 272 Main St., archt. Noted Aug. 20.

Conn., West Haven (br. of New Haven) —HIGH SCHOOL—Oct. 26, by Union School Dist., 2 story and basement, 64 x 220 ft., and 68 x 110 ft., rein.-con., brick and stone, Main St. $600,000. R. W. Foote, 185 Church St., New Haven, archt.

N. Y., Port Richmond (Sta. Staten Island)—HIGH SCHOOL—Oct. 22, by W. H. Gompert, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, for high school, Innis St. and St. Joseph's Ave., here, for Bd. Educ., 500 Park Ave., New York City.

Pa., Lawndale (Sta. Phila.) — RELIGIOUS, etc. — Oct. 19, by Bureau of Architects, 1701 Arch St., Phila., 2 story and basement, 83 x 102 ft., brick and steel, plain foundation Lerrick and Palmetto Sts., here, for Lawndale Methodist Episcopal Church. Noted Sept. 24.

Pa., Phila. — GIRLS HIGH SCHOOL — Oct. 19, by Hoffman-Henen Co., archts., Finance Bldg., 3 story, basement and subbasement, 188 x 215 ft., rein.-con., brick and steel, plain foundation, 45th and Chestnut Sts., for Phila. Diocese; 18th and Race Sts. $1,000,000.

Ala., Birmingham—LIBRARY—Oct. 19, by Secretary Library Bd., library building and equipment, Park Ave. between East 20th and East 21st Sts. $650,000. Miller & Martin, Title Guarantee Bldg., archts. E. Gugler, 101 Park Ave., New York City, consult. archt. This corrects report in Oct. 1 issue under "Unclassified."

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., taking bids 2 story and basement, 65 x 149 ft., brick, steel and concrete addition, West 130th and Lorain Ave. $247,000. G. M. Hopkinson, Auditorium-Garage Bldg., archt.

Kan., Pittsburg—LIBRARY—Oct. 20, by C. D. Cuthbert, State House, Topeka, 3 story and basement, 97 x 147 ft., rein.-con., brick and stone library, here, for State Teachers College. $150,000. Noted Oct. 8.

Tex., Childress—HIGH SCHOOL—Oct. 22, by G. A. Carlander, archt., 15 Massie Bldg., Amarillo, 2 story and basement, 58 x 200 ft. with 72 x 117 ft. wing, rein.-con., brick and stone, plain foundation, here, for Bd. Educ. $150,000. Noted July 2.

Ont., London—COLLEGIATE—Oct. 23, by S. F. Lawrason, chn. Bd. Educ., 3 story, 85 x 185 ft. brick, Dundas St. $300,000. L. E. Carrothers, c/o Bd. Educ., archt. Noted Aug. 27.

BIDS RECEIVED

N. Y., College Point (Ind. Sta. Flushing) — SCHOOL — W. H. Gompert, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, general contract addition to P. S. 27, here, for Bd. Educ., Park Ave. and 59th St., New York City, from Eastern Constr. Co., 110 West 40th St., New York City, $236,236; heating, from D. J. Rice, Inc., 405 Lexington Ave., New York City, $39,885. Noted Sept. 24.

N. Y., Forest Hills (Ind. Sta. Flushing)—SCHOOL—Superintendent of School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Oct. 8, general contract P. S. 101, Russell Pl., Slocum Crescent, Standish Rd. and Childrens Lane, here, for Bd. Educ., Park Ave and 59th St., from Concord Constr. Co., 476 Seneca Ave., Brooklyn, $507,800; heating, from Almirall & Co., Inc., 1 Dominick St., New York City, $57,990; plumbing, from N. P. Lorenzo, 430 Pearl St., New York City, $25,630. Noted Sept. 24.

Pa., Phila. — SCHOOL — Bd. Educ., 19th and Chestnut Sts., Oct. 6, general contract 4 story and basement, 73 x 189 ft., rein.-con. and brick, plain foundation, 23rd and Jefferson Sts., from W. H. Wehmeyer, 500 West Cumberland St., $385,975; heating, from Mechanical Equipment Co., 214 South 12th St., $41,964. Noted Oct. 1.

CONTRACTS AWARDED

Mass., Haverhill — SCHOOL — City, City Councils Office, 3 story and basement, brick and steel, Grove St., to Z. A. Houle, Lowell. Archts. est. $250,000. Noted Oct. 1.

R. I., Warwick — SCHOOLS — T. J. H. Pierce, Inc., archt., 30 Allens Ave., Providence, 2 story and basement, 40 x 64 ft. brick and steel additions to Conimicut and Oakland Beach Schools, here, to A. Kirken Co., 110 Norfolk St., Cranston; Lakewood School, here, to Balchin Constr. Co., 86 Weybosset St., Providence, for School Com., Town Hall. Archts. est. $150,000. Noted Oct. 8.

Conn., Ansonia — SCHOOL — St. Josephs Polish Roman Catholic Church, A. Zielezick, pastor, 2 story and basement, 85 x 115 ft., brick and steel, Jewett St., to M. A. Durrschmidt, 106 Main St., Derby. Archts. est. $200,000.

Pa., Allentown—HIGH SCHOOL—School Bd., Junior High School, 3 story and basement, 94 x 170 ft., rein.-con., brick and steel, plain foundation, Lumber St., to Freil McLeister, Inc., 1615 Spruce St., Phila. $460,000. Noted Sept. 3.

Pa., Summithill—SCHOOL—School Bd., general contract for grade school, to A. Breslin, Summithill, $200,000.

Pa., Wilkes-Barre — CHURCH — St. Aloysius Roman Catholic Church, general contract for church, to A. M. Hildebrand, 91 Wood St., $250,000.

Md., Baltimore—CHURCH, etc.—First and St. Stephens Reformed Church, c/o C. N. and N. Friz, archts., Lexington Bldg., 2 story and basement, 91 x 122 ft. stone church and parsonage, plain foundation, York Rd., to D. M. Andrew Co., Sisson and 26th Sts., $150,000.

O., Columbus — STUDY HALL — Bd. Trustees Ohio State University, C. E. Seetb, secy., 3 story, 60 x 120 ft., rein.-con. and brick, on campus to D. W. McGrath & Sons, 255 East Broad St., $194,983. Noted Sept. 3.

Ill., Chicago—SCHOOL—Bd. Educ., general contract 2 story, 75 x 368 ft., rein.-con. and brick, 5001-5059 Kenneth Ave., to S. N. Nielsen Co., 3059 Augusta St. Archts. est. $400,000. Noted July 16.

Okla., Tulsa—CHURCH and PARISH—Sacred Heart Parish Church, 1 and 2 story, 90 x 130 ft., and 38 x 100 ft., rein.-con., brick, steel and tile, plain foundation, to Reinhart & Donovan Co., Tulsa, $181,000. Noted July 30.

Federal Government Work

PROPOSED WORK

Miss., Gulfport—Dredging—U. S. Engineer, Wash., D. C., preparing preliminary plans deepening main ship channel, here.

Calif., San Francisco—Fence—Spec. 5144—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon takes bids constructing 395 ft. non-climable fence of steel posts, chain link, diamond mesh pattern, and single type post top carrying 3 barbed wires, etc., at Marine Corps Depot for Supplies, here.

BIDS DESIRED

N. Y., Stapleton (Staten Island P. O.)—Hospital—Nov. 9, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing maids rooms, additional porches, etc., at Junior Medical Officers Quarters, New York Marine Hospital, here; adv. E. N.-R. Oct. 15.

N. J., Montclair—Post Office—Nov. 5, by Treas. Dept., at office Supervising Archt.

Federal Government Work (Continued)

Wash., 1 story and mezzanine brick and stone post office, here; adv. E. N.-R. Oct. 15.

D. C., Wash.—File Boxes—Oct. 27, by Dept. Interior, Room 1014, 22,000 (more or less) galvanized iron file boxes, for Pension Office.

Fla., Miami — Box Bays — Oct. 21, by Treas. Dept. at office Supervising Archt., Wash., D. C., extending box bays at Post office, Court House and Custom House, here.

Ala., Florence—Metal Doors—Nov. 9, by U. S. Engineer Office, metal doors at Wilson Dam, Tennessee River; adv. E. N.-R. Oct. 15.

Tenn., Memphis — Laundry Equipment, etc.—Oct. 27, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., installing laundry and ice making equipment, furnished by Government, at U. S. Veterans Hospital 88, here.

Ill., Chicago—Breakwater—Oct. 29, by U. S. Engineer Office, 537 South Dearborn St., breakwater at Indiana Harbor, Ind.; adv. E. N.-R. Oct. 15.

Wis., Milwaukee—Derrick Boat—Nov. 16, by U. S. Engineer Office, 15 ton steel derrick boat; adv. E. N.-R. Oct. 15.

Ariz., Yuma—Power Plant—Nov. 16, by Bureau Reclamation, Dept. Interior, buildings, foundations, machinery, etc., for siphon drop power plant, Yuma Project, Ariz.-Calif.; adv. E. N.-R. Oct. 15. Noted July 16.

BIDS RECEIVED

Conn., Stamford—Dredging—U. S. Engineer Office, Providence, R. I., Oct. 2, dredging in Stamford Harbor, from J. S. Packard Dredging Co., Turks Head Bldg., Providence, R. I., $28,125. Noted Sept. 3.

Md., Baltimore—Roads—Treas. Dept. at office Supervising Architect, Wash., D. C., extending and remodeling roads at U. S. Marine Hospital, here, from Sloan-Dickinson Corp., 136 Liberty St., New York City, N. Y., $8,300. Noted Oct. 1.

Ala., Mobile—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here, from A. C. Samford, 24 Galena St., Montgomery, $15,927, deduct $3,860, total $12,067. Noted Aug. 20.

CONTRACTS AWARDED

N. Y., Sackets Harbor — Quarters — War Dept. at Office Quartermaster General, constructing administration and barracks buildings, and quartermasters store house, under items 3, 5, and 13, to J. W. Cowper Co., Fidelity Bldg., Buffalo, N. Y., $206,655. Noted Oct. 8.

Pa., Williamsport — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., addition to post office, here, to W. L. Morrison Constr. Co., 613 15th St., Wash., D. C. $16,600 Noted Oct. 8

D. C., Wash.—Tender—Comr. Lighthouse, stern wheel, steam propelled lighthouse tender Wakerobin for use on Mississippi River, to Dravo Contg. Co., Neville Island, Pittsburgh, Pa., $187,000. Noted Oct. 8.

Va., Norfolk — Heating Plant — Treas. Dept. at office Supervising Archt. hot water heating plant for Buildings 2, 3 and 5, at U. S. Quarantine Station, Craney Island, to J. J. Shanahan, 217 West Freemason St., Norfolk.

Fla., Lakeland — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here, to A. D. Gallentine, 344 Gilmore Ave., $14,517. Noted Sept. 17.

Ind., Evansville — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here, to M. J. Hoffman Constr. Co., 402 Furniture Bldg., $3,330. Noted Aug. 20.

Mo., Kansas City — Alterations — Treas. Dept. at office Supervising Archt., Wash., D. C., alterations and additions to U. S. Post Office and Courthouse, here, to W. MacDonald Constr. Co., Odd Fellows Bldg., St. Louis; $6,875. Noted Oct. 8.

Mo., Kansas City — Current Retards — U. S. Engineer Office, 707 Postal Telegraph Bldg., 1,075 lin.ft. current retards in Missouri River at Blue Mills Bend, to Woods Bros. Constr. Co., Lincoln, Nebr. $59,056.

Tex., Comanche — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story, brick, tile and stone post office, here, to Deans & Groggin, Box 322, Thibodaux, La., $39,965. Noted Oct. 1.

Tex., Galveston—Dredging—Treas. Dept. at office Supervising Archt., Wash., D. C., dredging boat basin, here, to W. Moore Co., Houston.

Calif., San Fernando—Pumphouse, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., pumphouse at U. S. Veterans Hospital, here, to Northern Pacific Constr. Co., Detweiler Bldg., Los Angeles, $4,960; pipe line, to T. Haverty Co., 316 East 8th St., Los Angeles, $4,075, 100,000 gal. steel tank, to Llewellyn Iron Wks., 1200 North Main St., Los Angeles, $4,990; pumps, installation, etc., to J. M. Eustace, 1246 East 9th St., Los Angeles, $3,959. Grand total $17,943.

Unclassified

PROPOSED WORK

Ferry—Chelsea (Boston P. O.), **Mass.**—Bd. Aldermen plans reconstructing Old Chelsea Ferry (Chelsea to Boston). $300,000. Engineer not selected.

Elimination of Grade Crossings—Columbus, O.—City and Norfolk & Western R.R. Co., 22 North 3rd St., W. P. Wiltsee, ch. engr., plan elimination of grade crossings on Livingston and Clifton Aves., Franklin Park S., Main Broad and Long Sts. $1,800,000. R. H. Simpson, city engr.

Swimming Pool and Bath House — Wamego, Kan. — City making plans 100 x 150 ft. swimming pool and 40 x 60 ft. bath house. David & Finney, 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Power Transmission Line—Texas—Midwest Utilities Co. Frost Bldg., San Antonio, plans high power transmission line from Gonzales to connect with plant at Cuero. $150,000. Private plans.

Ferry Landing—Port Bolivar, Tex.—See Streets and Roads."

Swimming Pool — Los Angeles, Calif. — See Buildings—Religious, Educational.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., 112 North Bway., Oklahoma City, making plans 20 mi. 13,200 volt transmission line to serve towns of Ripley, Coyle and Perkins. $40,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, Ill., engrs.

Transmission Line—Templeton, Que.—Papineauville Lumber Co. Ltd., Papineauville, applied to Public Utility Comn., for permit for 6,600 v. transmission line, here. $50,000.

Power Lines — Ontario — Hydro Power Comn., 190 University Ave., Toronto, plans extending power lines to Port Rowan, Port Ryerse and St. Williams. $40,000. C. Macgrath, chn.

BIDS DESIRED

Borings—Albany, N. Y.—Oct. 16, by Albank Port Dist. Comn., 100 State St., 35 wash borings each about 100 ft. deep, and about 10 core borings, each 10 ft. deep. F. C. Herrick, chn.

Inspection Shed — Corona (Ind. Sta. Flushing), **N. Y.**—Oct. 16, by Bd. Transportation, 49 Lafayette St., New York City, inspection shed enclosure at Corona Yard, here. J. H. Delaney, chn.

Comfort Station—New York, N. Y.—Oct. 22 by Park Bd., Dept. Parks, Arsenal Bldg., 64th St. and 5th Ave., comfort station under Terrace Bridge in Central Park.

Sub-Divisions—Biloxi, Miss.—Holmhaven on the Gulf, Inc., 2800 West Beach St., taking bids several new sub-divisions incl. development 350 acres, near here, and want materials for street paving, curbs, sidewalks, water and sewer pipe, fire hydrants, electric lighting system, etc. O. O. Carpenter, vice-pres.

Tunnel—Cleveland, O.—Halle Bros. Co., S. Halle, pres., Euclid Ave., taking bids rein.-con. underground tunnel. To exceed $40,000. Walker & Weeks, 1900 Euclid Bldg., archts.

Power Equipment—Detroit, Mich.—Oct. 19, by J. S. Foley, secy. Pub. Lighting Comn., 174 East Atwater St., power plant transformers, motor generator sets, emergency turbo-generator set and substation transformers, for new municipal power plant. Smith, Hinchman & Grylls, 800 Marquette Bldg., engrs.

Foundation—Kohler, Wis.—A. Treick, in charge of construction, Kohler, taking bids foundation for 5 story and basement, 82 x 200 ft., brick and concrete factory, plain foundation, for Kohler Co.

Crushing and Screening Plant—Oshkosh, Wis.—C. R. Meyer & Sons Co., 50 State St., taking bids gyratory stone crushing and screening plant to crush approximately 150 cu.yd.

Guard Rail, etc. — South Dakota — See "Streets and Roads."

Cattle Shed—West St. John, N. B.—Oct. 21, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, extending cattle shed, here. $50,000.

BIDS RECEIVED

Subway—Flushing, N. Y.—Bd. Transportation, 49 Lafayette St., New York City, Oct. 9, tracks for a portion Flushing extension of Queensboro Rapid Transit R.R. near intersection of Main St. and Roosevelt Ave., here, from T. H. Reynolds, 50 Park Pl., New York City, $45,485. Noted Oct. 1.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Oct. 6, constructing Sect. 4, Route 102 along and under 8th Ave. from West 38th to 47th Sts., from C. H. Locker, 149 Bway., (unofficial), $7,657,000. Noted Oct. 1.

Ventilation Buildings—New York, N. Y.—New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., 2 ventilation buildings at Washington St., Canan Pier and Spring St., from DeRiso Bros., 50 East 42nd St., (unofficial) $1,165,708; ventilation work in connection with same, from Booth & Flinn, Green and Tompkins Aves., Brooklyn, (unofficial) $37,780. Noted Sept. 10.

Subway—Chicago, Ill.—Sanitary Dist. of Chicago, Room 700, 910 South Michigan Ave., substructure for McCormick Rd. Subway under Mayfair Cut-Off of Chicago & Northwestern R.R. near Oakton Ave., at Niles Center, from M. E. White Co., 851 North Carpenter St., Chicago, $154,448. Noted Oct. 1 under "Niles Center."

CONTRACTS AWARDED

Borings—New York, N. Y.—Port New York Authority, 11 Bway., water borings along Hudson River between 170th and 185th Sts., to Osborn Drilling Co., 120 Liberty St., $25,865. Noted Oct. 8.

Wiring—New Orleans, La.—Oct. 20, by S. Stone, Jr., archt., 714 Union St., wiring 18 story Masonic Temple, St. Charles and Perdido Sts. $85,000.

Transmission Line — Florida — Tampa Electric Co., Tampa and Cass Sts., Tampa, 55 mi. 66,000 v. transmission line from Tampa to Mulberry and Winter Haven, also 2nd line 35 mi. long to connect Tampa with Pinellas Co. Power Co. and Florida Power Co. at Tarpon Springs, to Stone & Webster, Inc., 147 Milk St., Boston, Mass.

Park and Gardens — Nashville, Tenn. — State Memorial and Capitol Annex Comn., Capitol Bldg., improving Memorial Park, incl. grading, landscaping, retaining walls, masonry, drainage, walks, etc., to A. J. Krebs & Co., Capitol Ave., Nashville; and Virginia Ave., Atlanta, Ga., $135,000.

Culverts—Oskaloosa, Kan.—See "Streets and Roads."

Gas Pipe Line — Texas — Southern Natural Gas Co., Maverick Bldg., San Antonio, gas pipe for 100 mi. line from gas fields in Webb Co. to fields in McMullen Co., to Youngstown Steel Products Co., Youngstown, O.; general contract, to Hope Eng. Co., Farmers Bank Bldg., Pittsburgh, Pa. Engrs. est. approximately $600,000.

Culverts, etc. — British Columbia — Canadian Natl. Rys., 230 St. James St., Montreal, Que., culverts and concrete pipe at various points, here, to Hanson & Shockley, 230 Central St., Vancouver, $40,000.

Natatorium—Harrison Hot Springs, B. C. —See "Buildings—Commercial."

Materials

BIDS DESIRED

Broken Stone, etc. — Long Island City, N. Y. — Oct. 23, by M. J. Shugrue, acting pres. Queens Boro, Queens Subway Bldg., 3,450 cu.yd. broken stone and screenings.

Steel Castings—New York, N. Y.—Oct. 23, by J. Miller, pres. Manhattan Boro, Municipal Bldg., steel castings to Corporation Yards.

Pig Lead—Baltimore, Md.—Oct. 21, by Bd. Awards, 300,000 lb. pig lead to Water Supply Bureau. V. B. Siems, City Hall, water engr.

Gravel—Jennings, La.—Oct. 20, by Bd. Comrs. Jefferson Davis Parish, 24,000 tons washed gravel, for use in Bayou Chene Road Dist. M. Bernard, Crowley, engr.

BIDS RECEIVED

Castings—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., Oct. 6, iron castings, to Corporation Yards, from Campbell Fdry. Co., 313 Manor Ave., Harrison, N. J., $5,266. Noted Oct. 1.

CONTRACTS AWARDED

Fuel Oil—Boston, Mass.—Supply Dept., City Hall, about 285,000 gal. light fuel oil to various City Depts., to New England Oil Refining Co., 31 State St., $0.075 per gal.